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Stretchwrap control

A semi-automatic pallet stretchwrap system from US manufacturer Lantech equipped with power prestretch and offering high reliability - has already been sold to six UK users, even before the arrival here of the first models.

Later this month, six companies will take delivery of the Lantech Q series stretchwrapper, with one customer taking two of the machines. Such is the manufacturer's confidence in the wrap-

per's reliability, says UK agent Mancon, hat it is offering a three-year parts warranty rather than the usual one year. While the machines are affordable.

says Mancon, they are unlike the previous Lantech stretchwrapper in having a high speed wrapping capability. A fast electronic control system rather than electro-mechanical means that response is immediate when more film is needed for specific parts of the wrap-

Counter-balance for the film carriage means that the motors do not lift the whole weight of the unit. The

HERBAL TEA CHECK Continued from front page different products can vary

perween 30 and 50g. Fitting into a space of just 650mm, each integrated system checks up to 60 packs a minute. An air blast rejects any product which is outside preset weight tolerances or has a barode which is not scannable. olerances of 2g ensure that a ingle teabag more or less will

e detected in all cartons. Central to the installation is

Lantech power pre-stretch gives quick and easy film loading with a gate rather than threading system and consis-

Like other agents, Mancon was consulted by Lantech before development of the latest system. ed in accordance with

Features such as turntable construction were adapt-**The Lantech Q series** both low

this advice and European market requirements.

A 12mm thick formed steel turntable base is said to provide stable support and prevent accidental damage to drive components. The turntable support system is designed to withstand high impact loading and to be dependable even in dirty or dusty environments,

substantial savings, he adds.

the management information system which gives a printout by shift for each machine. Information on average weights, the number of rejects and underweight packs is recorded and can be referred back to.

One of Premier's aims has been to reduce customer complaints over count errors on the machines. "It is also enabling us to focus more clearly on the amount of giveaway that is going through," says Mr Conquest. On certain lines, the company seems likely to make

Commercial Park, Bridge Road, Florbury Bridge, Wakefield W14 5NW - tel: 0924 277070, fax: 275688),

says Mancon (Wakefield

A high-strength steel frame mast houses all electronics, drive motors and sub-assemblies. This offers impact protection and is clad with the same corrosion-proof abs material commonly used in car bumpers.

The Q Series has already enjoyed great success in the US market, where 1200 units were sold within ten months of its launch. The machine suits

ume users. Using systems which, according to Mancon, require zero maintenance, the Q Series has turntable bearings and drive reducers which are lubricated and scaled for life. Belt drives on the film carriage and turntable mean there

and high vol-

are no chains to adjust.

Apart from in the beverage blending and packing industry, Loma sees its integrated system as having many other possible applications. Smaller pharmaceutical plants, without larger dedicated product lines, would be one such application, says Lindsay Cross, regional manager at Loma (Southwood,

540346, fax: 513322). Premier's herbal teas now account for half of the production at its Edinburgh plant, and



This design also offers man savings over a more com tional rectangular shape.

Both cartons were design by Ferry Pickering's in-hos structural designer.

For further K4 Call for Information 151 08397 it is a market which is contin ing to grow. Its own brand

and the London Herbard Spice Company. Having previously used a checkweighing on its herbi teas, Premier first installed of of the Loma systems for any month trial period. The new system has been called th Farnborough, I lants - tel: 0252 Smart checkweigher because its ability to differential

between products and react



EGG PROTECTION

aging in board and pyc conj nations was also key in fm Pickering being selected to y duce the Easter pack for 'On Design code proposed The Orangutan.' This Ear.' Gift pack features a secre su, ply of banana flavour. Thornton's Special Toffee to improve openability The carton was produce

using a 450 micron silvers. material, printed five color! and uv varnished on the rever and combines with the pla hexagonal pvc carton. Agin, tab configuration on the p outer lets shop staff takes. 'Orris' to pipe on a greeting.

Standards Council (PSC). This proposal should just published Code of Best Practice from the PSC which relates to all consumer goods packag-ing, details of which are include Heath and Heath

> To form this code, it s proposed to commission research at Birmingham University's Applied

on page 2 of this issue,

it is a further initiative.

ufacturers and packaging pro-

ducers wishing to meet the

openability needs of the increas-

ingly important 'grey con-

sumer' have been offered the

chance to establish a 'code of

best practice' by the Packaging

Centre of Gerontology which would result in a framework of criteria to aid the packaging design process. For instance, it would establish guidelines in arcas such as tactile grip, shape of grip, turning force and tear trength requirements - and could eventually form the basis

aging's Easy Open symposium last month, convened to dis-

made by the PSC following

head of the University Centre,

Dr Laxman Nayak's call for

more research, which was

made at the Institute of Pack-

now adopt solutions to aid the 'grey consumer'?

"Research wouldn't cost much and would be very valuable to all consumer goods manufacturers and their suppliers, as they would know the problems the elderly face before initiating the design process, rather than at the pack's prototype stage," he said.

PSC director Barry Overton believes that results of this

research could be used to design better packaging for the elderly and disabled and prove to all consumers that industry is taking the whole openability issue seriously.

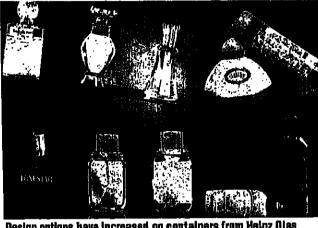
THE COMPLETE NEWS SERVICE FOR BUYERS OF PACKAGING EQUIPMENT, MATERIALS AND SERVICES

"Although the research costs are estimated at around £70,000, the resulting criteria would be a very cost-effective tool for the whole industry to improve the packaging design process," he tells Packaging News.

Anyone interested in contributing or discussing this option further should contact the PSC (Firth House, Bramfield Road, Bulls Green, Datchworth,

Herts - tel: 0438 798589). Over 100 delegates attended the IOP symposium, at which the keynote speech was delivered by the Earl of Arran, Parliamentary under Secretary of State at the Department of the Environment.

• A full report of the Easy Open symposium proceedings will be in PM's June Issue.



Ceramic colours add life to glass

Additions to the design options on glass cosmetics containers from German company Heinz Glas now include heavy metal-free printing.

Non-polluting ceramic printing colours containing no heavy metals such as lead or cadmium are available from the company for the first time.

"Flint and amber glass"

Companies in the group include

in small pharmaceutical flint and amber glass, and Glaswerk Piesau, producing mainly small

flint glass bottles for spirits. Heinz, which exhibited its product range at Macropak in Utrecht, The Netherlands, has just appointed as its UK agent Robinson Associates (18 Market Street, Poole, Dorset - tel:

> 0202 683388, fax: 682677). Heinz Plastics, part of the same group, produces a range

of coex bottles



MAY 1994

Meet the Association 11

Flick of the thumb

FEATURES Ipack-Ima review 18-20
We review Italy's best machinery of
this show, which drew the foreign
crowds.

Foodex/Meatex 28-29 The choicest pieces of tagging, wropping, labelling and sealing on offer at this popular show.

Custom machinery 38-47
A spoilight on machine builders'
latest efforts to meet the needs of

REGULARS Environment News Marketing

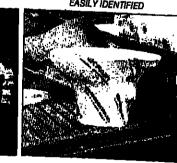
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t was Packaging News Then 32

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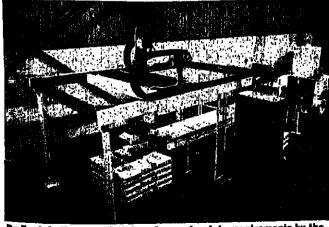
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Sack line provides for safe handling



Du Pont de Nemours, Belgium, has met safety requirements by the complete automation of its sack depailetising and opening line

Complete automation of its sack depalletising and opening line is allowing Du Pont de Nemours, Belgium, to meet health and safety requirements while also improving of the entire system

Before the installation was undertaken by Palamatic Handling Systems Ltd, depalletisation was carried out manually on the line for this unspecified powdered mineral product. There was no guarantee that sack transfer could be kept up to the necessary speed, and there was also the danger of back injuries, says Du Pont project engineer Karel d'Hondt.

Another problem was the bag slitter. "Bags were not completely emptying, and we Continued on back page



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WORLD THE PAGES FOR PACKAGING PRODUCTION & PRINT PAGE 48

Response by delegates to speakers at the Institute of Packaging's Easy Open seminar seems to suggest that many of them are interested in making packaging easier to open for customers of all ages, not just the so called, 'grey consumer'.

Having chaired the symposium, I would argue that not one of the 120 attendees can now ignore the issue, due in no small part to Jean Asheroft, director policy and campaigning at Arthritis Care's presentation. Jean has had 23 years of personal experience of rheumatoid arthritis and her demonstration of how she tackles grocery packaging was a salutary experience.

Although designing a pack that Jean, or someone like her, finds very easy to open is perhaps an unachiev-able aim, there are still many existing measures that can be taken to make it a lot easier than it is today.

Indeed, she was full of suggestions and, more importantly, is willing to work with any part of the packaging, consumer goods or retailing industry to help improve matters in this area. In fact, a lot of her suggestions, such as making tear tabs on packets of biscuits casier to identify by using a contrasting colour and incorporating tear tabs on other packaging formats such as the cellophane wraps on cartons of tea bags, are relatively simple to accommodate.

With the Packaging Standards Council proposal for an industry-wide sponsored research project - to set various design parameters when considering the elderly or manually impaired - symposium attendees and the rest of the packaging chain now have the chance actually to demonstrate their interest rather than just express it.

The research would have an approximate cost of £70,000 which split between say 35 companies, would mean that for the cost of a decent lap-top pc, the whole packaging chain would have a set of positive parameters to work from. They would know the actual needs, rather than their own perceived needs of this group.

Indeed, when asked at the conference if he is requested to incorporate easy opening options into new packaging designs, managing director of PI Design Ltd Chris Griffin said: "Easy opening usually forms part of the initial brief but rarely survives to the final design." Wouldn't it therefore be easier for designers to keep these options in, and to resist the cost/speed/efficiency reasons for omission, by quoting parameters that had been researched by the Applied Centre of Gerontology?

And the benefits of retaining 'easy open' features would not just apply to the over 60s consumer. As the motto of the Centre states:

Design for the young and you exclude the old...Design for the old and you include the young.

THE RESERVE THE RESERVE THE PROPERTY OF THE PR

Gail Lea, Editor



The Everest pack has fold-down feed so that the pack is raised off the turntable during microwaving

Multipack convenience

by the Department of the Envi-

ronment, leading consumer and

special interest groups offered

to publicise the code in their

newsletters and help build on

its success so far. There was a

clear appreciation of the need

to find the best compromise

between consumer needs, the

functional aspects of packag-

ing and environmental deci-

"There was also general

reement that the PSC is per-

forming a useful role in

encouraging manufacturers to

improve packaging, in acting as a consumer 'watchdog' and in

explaining the functions of

packaging," says Barry Over-

ton, director of PSC (Firth

House, Bramfield Road, Bulls

Until now, Incpen has

Green, Datchworth, Herts -

tel: 0438 798589, fax: 798398).

sions, says the PSC.

Chips have youth appeal

For the launch of its microwave chip range, Everest Frozen Foods Ltd required a pack attractive to the youth market, and faster and more reliable machinery to collate and overwrap the packs.

Designed for Everest by Waddingtons Cartons Ltd (Cockburn Fields, Middleton Grove, Leeds LSI1 5LX - tel: 0532 760730, fax: 760165) it has fold-down feet so that the pack is raised off the turntable during microwaving.

"By elevating the pack you get a more intensive cooking effect. The legs pull out and like a toggle effect, lock into position," says David Yates from Waddingtons.

The recently issued Code of

Practice for the Packaging of

Consumer Goods by the Pack-

aging Standards Council (PSC)

has won strong support from

consumer and special interest

groups, but funding for the

organisation as a whole still

"Building on

The code is designed to pro-

mote 'best practice' in all

aspects of the packaging of

consumer goods and has been

endorsed by the Secretary of

State for the Environment,

John Gummer. In his forward,

Mr Gummer says he is pleased

that the PSC intends to

encourage the industry to

adopt and implement the code.

At a recent meeting hosted

remains in the balance.

wrapper has been installed on the production line dedicated to the 100g cartons.

After the frozen chips have been re-packed from bulk containers, the carrons are sealed, closed and then collated into groups of four, two wide by two high.

Operating at a rate of one pack a second, the machine then overwraps each collation with film printed with a bar Overwrapping equipment code and cooking instructions. supplied by Marden Edwards WADDINGTONS CARTONS: & Co (Wimbourne, Dorset

BH21 7PD - tel: 0202

PSC chairman Lord Clinton

Davis, is inappropriate. He has

therefore written to many

trade associations and interest

ed organisations asking for

financial support. The yearly

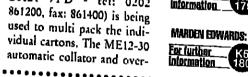
costs involved are \$1,500 for

"Performing

a useful role"

some and £2,500 for others.

been received from Plysu ple.



Best practice code seeks support

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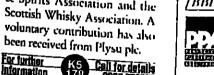
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PACKAGN NEWS Industry urged to act on waste

> Be seen to accept responsibility for waste and embrace the final PRG (Producer Responsibility Group) plan or risk unsympathetic legislation, was the message to Pifa (Packaging and Industrial Films Association) members from environment nsinister Robert Atkins.

Speaking at the association's annual lunch, Mr Atkins warned against companies opting to ignore PRG recommendations until their competitors comply. "I have a clear message for those thinking they can avoid taking responsibility: forget it. Everyone must join in," said Mr Atkins.

One area under consideration by the government is that of return packaging systems like those already in use on mainland Europe, he told Pifa members. "And do not underestimate the importance

A hot melt adhesive for pack-

aging which can be applied at

around 110deg C has been

developed by Beardow &

Adams, with the manufacturer

stating that this is more a

reflection of market concerns

than the availability of raw

With environmental, health

and safety and energy consider-

ations causing users to look for

lower application temperatures,

Beardow & Adams has built

upon its existing technology for

low temperature labelling adlic-

sives, widely used for several

PACKAGING NEWS/MAY 1994

years, to develop BAM 632.

materials or technology.

looking at other options."

that a voluntary industry code can work as well as - or better than - compulsory schemes.

Incoming chairman of Pifa David Tyson welcomed the emphasis in the PRG plan on environmental improvement at

an affordable cost, but called for the option of a levy at the retailer point of sale to be considered. This is necessary to ensure that prepacked imported goods do not miss the net.

To date, options for the | placing of the levy have stopped at either the packer or converter, and the decision is now with the PRG's independent expert Sir Sydney Lipworth.

A landfill levy is still being called for by Pifa and other sections of the industry and has not been excluded as part of a solution by the government. But Mr Atkins warned that as a straightforward alternative to a packaging levy it was not viable. A landfill levy on local authority household waste would only lead to an increase in council tax, he said.

mier and their expertise in high quality screen printing was Mr Tyson, sales and marketing director of Sidlaw Packused to decorate the face with the Association's 50th comaging operations Venus and memorative logo," says John Falcon, replaces Ronnie Gray Cobring, marketing manager at of Polbeth Packaging as chairman. Pifa, said Mr Tyson, agreed that coordination across the packaging industry was vital. "But it is equally important for the individual material organisations to deliver the planned commit-

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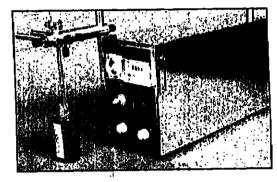
decanter was sourced by Pre-

The decanter, filled with a

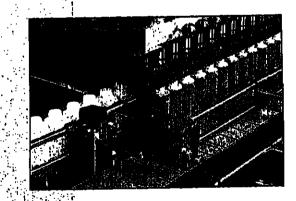
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we attach to waste minimisation. There are already measures in place and we are

For its own part, the government is keen to be able to show its European colleagues

Depending on where it is

used, application temperatures

for any adhesive will vary.

says sales and marketing

director Nick Beardow, but

this product drastically

from around 160deg C.

reduces standard temperatures

"Gives good

fibre tear"

BAM 632 will maintain bond

integrity even at temperatures

as high as 80deg C, and will

give good fibre tear down to

minus 40deg C on difficult

Hot melt glue meets market concerns substrates such as pc-lined

> folding box board. Advances on other products in the range include the sharper setting speed necessary to adapt existing low temperature adhesives suitable for metalised labels, for example. Raw materials giving these properties have been available for several months, says the company (32 Blundells Road, Bradville,

Milton Keynes MK13 7HF tel: 0908 315474, fax: 223337).

Clean running without stringing or blocking of nozzles and good thermal stability are further advantages of the

adhesive, says the company When heated to 110deg C for seven days, the product which is odourless at this temperature - showed no signs of

ments for their own industries

in the most cost effective

manner," he said.

Users will experience no loss of performance with BAM 632. In fact, says product development manager Chris Sawyer, line efficiencies may be improved through cleaner and safer running. "Within two years, I expect to see half our production taken up with this

type of hot melt," he says.

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PACKAGENG NEWS/MAY 1994

Attempts to outlaw lookalike products were temporarily thwarted when the Government refused to support an amendment in the Trade Marks Bill which would clamp down on copycat packaging design.

This took the British Producers and Brand Owners Group by surprise since its amendment had received overwhelming cross party support during its passage through the House of Lords (PN April).

Although the Government is still consulting on the issue, it appears to have cooled towards the idea of tightening legislation, or at least of introducing an amendment into the Trade Marks Bill.

Supermarkets argue that the amendment is being proposed because brand name producers are frightened of the competition and of losing more market share. In their defence, the Brand Owners group argues unfair competition and that consumers are being confused between the lookalike and the brand name,

The Brand Owners Group is still looking to introduce the amendment, and has had discussions with the DTI. While the government believes that the Trade Marks Bill may not be the place to address this issue, it could be included on a statute to be drawn up on

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Lookalike clampdown temporarily thwarted A wallet for smoked salmon A wallet-style premium pre-

sentation carton produced for Tesco smoked salmon was the principal reason behind expected sales being exceeded elevenfold, says the retailer.

Produced by Ferry Pickering Sales for Pinneys Ltd. which filled the pack and supplied the finished product to Tesco, the carton uses gold blocking on a black background and fine graphics to give a luxury feel to the product.

Measuring 211 x 398mm, the pack uses 450 micron coated folding boxboard with hard size middle. It is litho printed in six colours with food quality uv lacquer. Cutting, creasing and gluing was carried out by Ferry Pickering.

According to the carton manufacturer, l'inneys' is particularly skilled in providing products for the quality end of the market. Gold blocking was used to frame the pack and also



The wallet-style premium presentation carton produced for Tesco smoked salmon by Ferry Pictor

in its centre where graphics overlay a non-acctate window.

"It's something that people are going to give to friends and family, and we were offering people a brilliant gift," says Tesco buyer Lucy Nelmes. In

her opinion the choice of black as the pack colour gave the correct signals of extravagance, and marked it out from the primary colours of other products on the shelves.

A version without gold foil

6, Coventry Road, Hind Leies LE10 Off - tel: 238171, fax: 251338).

Collator cuts computer handling costs

An automated system for collating up to 120 different combinations of computer peripherals and instructions for short run shrinkwrapping is helping Logitech Ireland to cut costs and increase efficiency.

Each Logitech mouse, trackball, scanner or joystick has to be linked up to instruction manuals and other information in up to eight languages. Traditionally, says Logitech, large pools of manual labour would be used in this sort of operation. Minimum changeover time between collations was also required.

A pe-controlled Longford custom 12-station feeder/collator is linked directly to a Great Lakes automatic shrinkwrap-



per. Each individual feed was required to handle a variety of grades and sizes of product without necessitating design changes for Logitech.

With the Longford system, which can run at an average of

55 packs a minute, details of each product combination come up on the operator screen. Collations and parts are identified by a system of numbers built into Longford's customised line control software.

serven will show which for holds which product.

Production information such as the number of d packs and current runspot also displayed on the nucli According to Logical move to an automaics has crabled the company of costs while turning output

The entire line, which Donallong, was planted add grated by Longford in Temp Canada (European operati Longford Europe av, Ge verneur Roppesingel 81/4 3500 Hasselt, Belgium - util 32 11 284026, fax: 284032}

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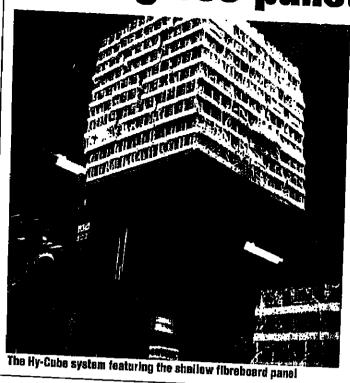


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المكيان الأحجو

offered for palletised goods in transit with a shallow fibreboard panel which, says the manufacturer, can operate either as a pallet base or slipsheet.

Bradley Thallon, which manufactures the Hy-Cube system, contrasts the one tonne and six cubic metres of wooden pallet capacity in a typical container load with 90kg and one cubic metre when this system is used.

The laminate panel made rom recycled fibreboard can be handled with the conventional forklift or by push-pull attachments. Individual pallets are compression tested to weights in excess of 1.75 tonnes, says the company.

Anyone who ships goods in containers or taurliners between manufacture and dis-

tribution could benefit from the system, says marketing manager Eddie Gowdy, but applications could be much wider. Main applications to date in the USA and Europe have been in the food and

Potential problems of pallet recovery or disposal are overcome, says the manufacturer (Kiltonga Industrial Estate, Newtownards, Co Down, N Ireland - 0247 815403, fax: 815409), by its registration with Resy and Repack. Cost of the system is com-

parable to that of wooden pallets, says Bradley Thallon, enabling users to make substantial savings without extra costs. The company's specially

developed manufacturing equipment for the Hy-Cube mean that it can accommodate customers' special needs into the pallet design

Transparent Free bulk container collection and recycling service

100 per cent transparent made from clear pp have been developed by Belgian tirm, Wuyts-Transbox NV. In production since June last year, a small 1,2 litre size has now been added to the existing range, used explains Mr Wuyts. mainly by the confectionery and food industries.

Such packs are generally

made of pyc film; this transparent

pp alternative allows a conical

and seal in one operation.

cream tubs after use," Danny

Wuyts md of Transbox (UK

293344) tells Packaging News.

that it is cost effective with its

to expand"

lowering transport costs, and enabling customers to form fill "In addition, our containers are reusable and have been turned into microwave or ice-0.7mm thickness.

> aimed at food suppliers ad retailers like our present containers, and will contain by uids and sauces such a mayonnaise. If tests carryed as successfully as they had production will begin in lat-July", adds Mr Wuyts.

To date the company has sold 4 million containers.

into other markets by proding a larger drum, the thickeof the container must increased. "This has proje something of a problem it. want to retain the transpare look and cost-effectiveness

"Determined

shape, offering ease of packing, Determined to expand the company has entered into a agreement with US adding manufacturer Millican, and led so far spent Belgian Franci million to develop drums 5at. 10 litres in size with a 1.5m as opposed to the existing 0s

agent: Duncan Hutchinson, "These larger drums as 174 Church Street, Waingroves, Ripley, Derbs DE5 9TF - tel: 0332 293900, fax: In order to achieve the transparent look, particular additives are used and the thickness of the material is kept to a minimum to ensure

Reclosable zipper pouch security

and is free of charge.

"On return,

refurbished?

On return, the ibc is refur-

bished, rather than recycled,

with all new parts. Any cont-

aminated container parts.

such as pe inner bottle, screw

caps or outlet devices are

replaced. Each outer grid is

also examined and then refur-

Every ibe is then leak test-

ed and marked with an identi-

bished if necessary.

the ibc is



Vapor-Loc by Protective Packaging Ltd: offers long term storage

A tamper evident reclosable preservable pouch that combines the security of a barrier

Any user of intermediate bulk

containers (ibc) from Shutz

(UK) Ltd can now take advan-

tage of a free-of-charge collec-

tion and recycling system now

Called Euro-Ticket, the

system was initially introduced

in Germany and continental

Europe, but is now offered to

all UK customers. It involves a

national pool system for every

country so there are no freight

costs involved, says Shutz (PO

Box 100, Claylands Avenue,

Dukeries Industrial Estate,

Worksop, Notts S81 7Y2 - tel:

In operation, the ibc user

completes the collection order

which is now attached to every

ibc and returns it to the Euro-

pean co-ordinating company.

Renz System Transport. This

company then informs the ibc

0909 478863, fax: 478864).

offered by the company.

tive Packaging Ltd.

instantly reveals tampering but the addition of the special Loc-Top zipper feature offers consumers convenient reuse of the original package after purchase, Philip Butler, md of Protective Packaging (Dane Road Industrial Estate, Dane Road, Sale, Cheshire M33 1BH - tel: 061-976 2006, fax: 061-976 3330) tells Packaging News.

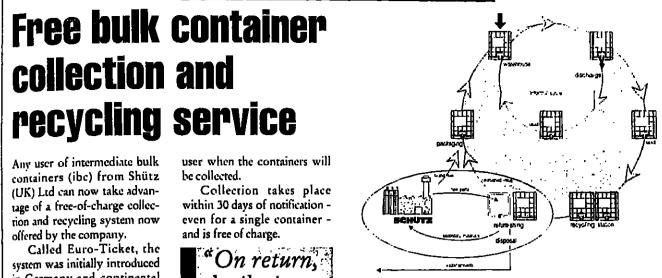
All pouches are custom made and are available in several material combinations to fulfil specific needs. Although zippers into bags are not new, this is the first time that they have been placed in foil materials, says Mr Butler.

Possible combinations include polyester/polyfoil/-

poly saran coated pe/poly and metallised pe/poly. All bags can be printed in up to six colours on both sides and are available in a range of sizes which include 5 x 4 inches and 10 x 9 inches.

Vapor-Loc bags are laminated barrier bags offering products the protection of a ow moisture vapour transmission rate. The bags are suited to a variety of packaging needs including food, powders, granular and freeze dried products as well as small metal parts and

Bags are filled from the bottom after which it is heat scaled. Costs of the bags will be 10 per cent over a normal foil pouch.



the grid, which shows the resulting customer that it has been refurbished to exact standards. This mark also allows subsequent users to realise how many times the ibc has been through the Euro-Ticket

According to Shutz, the modular design of its ibes has always allowed for multi-trip use, but this scheme formalises the process for customers even

making up the ibc are said by the company to be easily

The introduction of the Euro-Ticket scheme, and the creation of a network of reliable and competent collection and refurbishing partners guarantees an environmentally and economically acceptable re-use of transit packaging, says the

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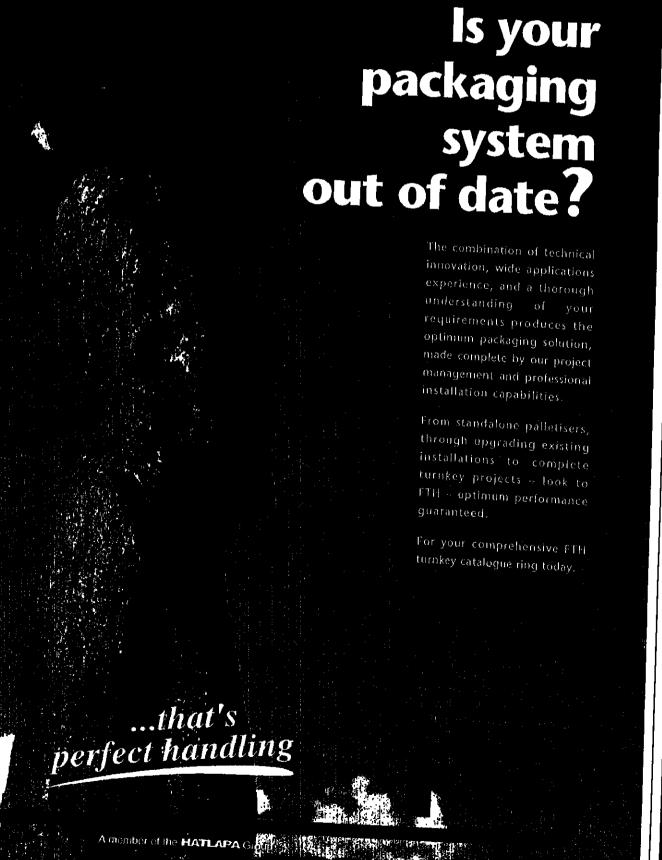
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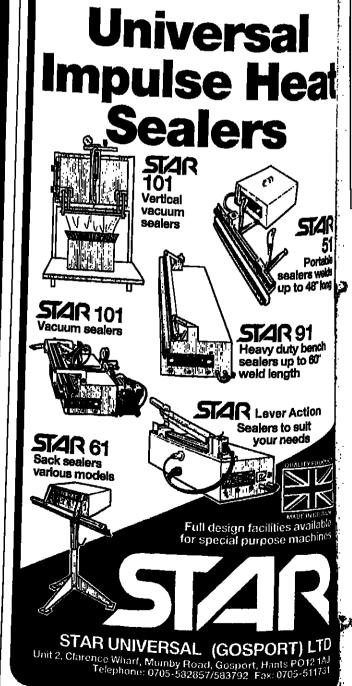
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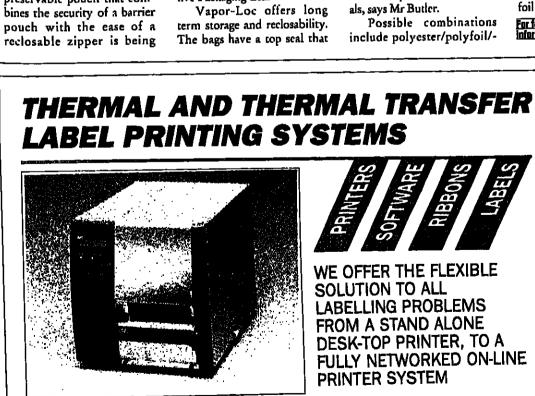


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waste management hierarchy;

a mandatory minimum recy-

a minimum recycling target

of 25 per cent per material as

opposed to the 15 per cent cur-

"Increased

an increased recycling target

of 25-50 per cent. The current

countries allowed to arrange

5-year bilateral agreements to

upper limit is 45 per cent;

target for

cled content;

MEPs prepare to vote on waste amendments



On May 4 MEPs meet to vote on the European Union's (EU) proposed Packaging Waste Directive. The amendments presented to Parliament will, if passed, effectively undo all the tortuous negotiating which has preceded this version.

MEPs have reintroduced many of the amendments found

unacceptable to the Council of Ministers and industry. But for them to be successfully reincorporated into the Directive, each one must be passed with a majority of 260 votes (see PN April 1994),

Failure to do so will result in the common position agreed by the Council of Ministers (see PN January 1994) going to the Commission for approval. If just one amendment is approved which is not acceptable to the Council of Ministers, the conciliation procedure begins.

Among the amendments to he voted on are:

the reintroduction of a rigid

Most industry groups are urging their members to lobby local MEPs against the introduction of a waste hierarchy

"Flex their muscles"

James Devereux of Incpentells PN: "MEPs just want to flex their muscles and force the co-decision procedure. If the conciliation process begins it delays implementation of the Directive for some consid-

"It is better to take what you have than end up with no Directive. Any delays will result in no environmental improvement and in the meantime we will get more national legislation and no harmonisation, which is what this Directive is supposed to be all about."

PRG recycling scheme: where will the levy fall

The deadline has drawn to a close for submissions on both the general points of the Producer Responsibility Group's (PRG) recycling and infrastructure plan and on the controversial issue of a levy to fund the scheme.

Sir Sydney Lipworth, the independent expert appointed belatedly to make recommendations on the levy, now has the unenviable task of ploughing through the responses as each industry group tries to avert the levy from hitting it.

He expects to finish his report to the Department of Environment (Dol!) by the end of May and industry is expected to fall in with his recommendations, says Robert Atkins environment minister.

required to fund Valpak (see PN March 1994) range from a conservative £100 million to £500 million a year. Fortunate ly, Sir Sydney has been allowed to expand his brief from just examining the three levy options suggested by the PRG plan - on packer/tillers, con verters or a combination of the two - to a range of options including a levy on retailers.

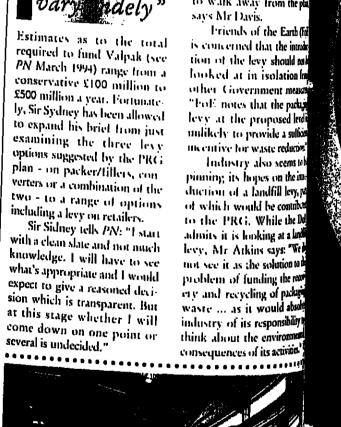
Sir Sidney tells PN: "I start with a clean slate and not much knowledge. I will have to see what's appropriate and I would expect to give a reasoned decision which is transparent. But at this stage whether I will come down on one point or several is undecided."

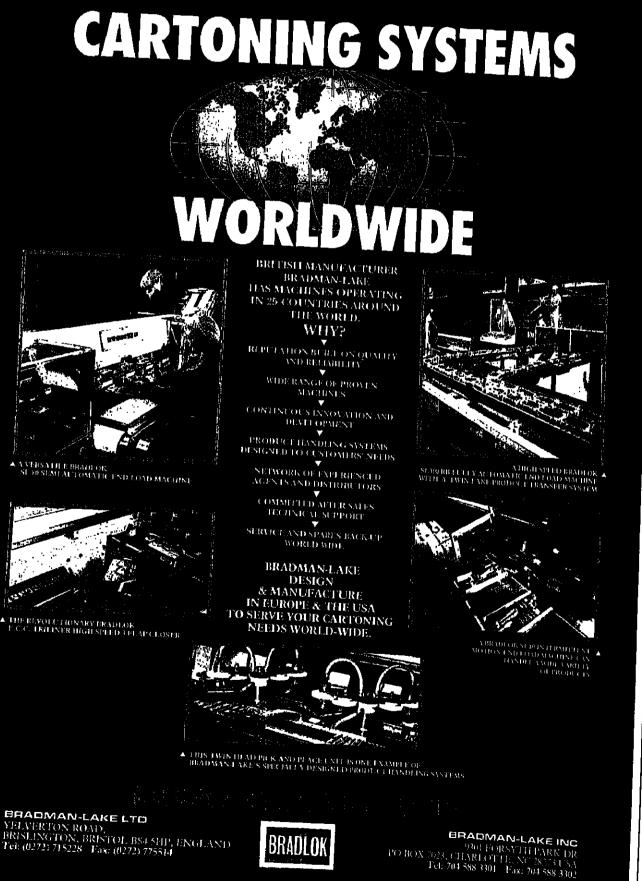
are divided over where a the levy should fall. Davis, chairman of lar warns that failure to ac some degree of company and adopt a unified apper to the PRG plan will be !! to result in its collapse.

"Must be underpinh by law"

funding mechanism mus underpinned by legislate ensure compliance by all to within the scope of theplal Government recauson intention to give industry support, some sectors at to walk away from the plat says Mr Davis.

problem of funding the read ery and recycling of padage waste ... as it would absolu industry of its responsibility think about the environment consequences of its activities





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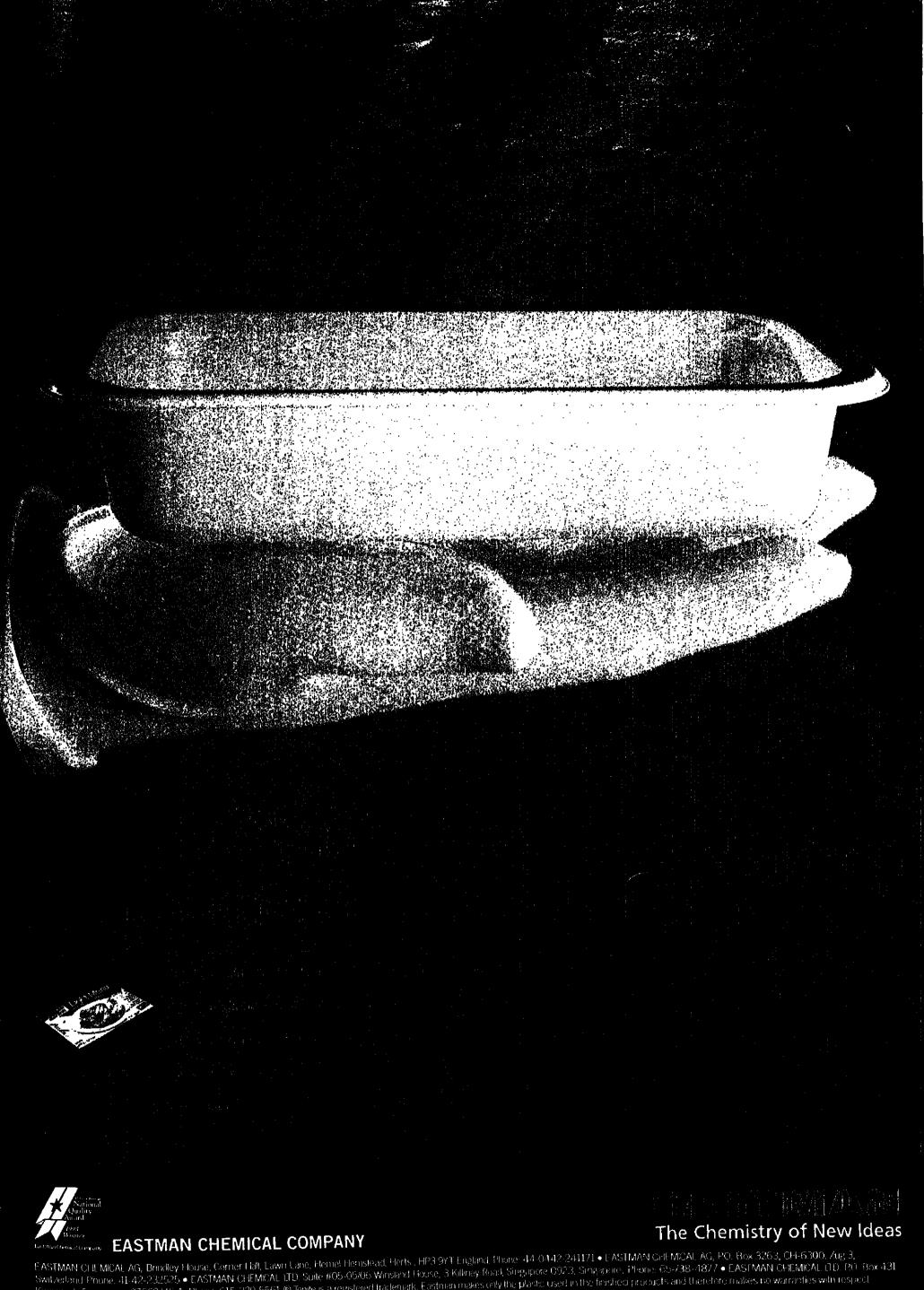
Pe films into pellets

The Queen's Award for Environmental Achievement has been pe-sented to Alida Recycling Ltd, a wholly owned subsidiary of Brisi Polythan Alida Recycling Ltd, a wholly owned subsidiary of Brisi Polythene industries pic, for its successful development of a commercially viable process for the reclamation of polythene illine which are recycled into a pellet.

Known as Alphathene, the pellet is incorporated into a variety of film products used in the packaging industry. Alida (Heano) Gate, Heanor, Derbyshire DE7 7RG - tel 0773 530530, fax: 713793) has two plants with a combined recycling capacity of 10,090 tonnes a year.

to such products. @ 1994 Eastman Kodak Corupany

PACKAGING NEWS/MAY 1994



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New light on a famous name.

All too often names are changed purely for aesthetics. Reginald Dwight turned into Elton John and who can blame him for that? Norma Jean Baker became Marilyn Monroe, a name with far more sparkle.

So why should a well known leading national business like UK Corrugated ever want to change their name to Smurfit Corrugated? Well, the answer is simple.

For some time UKC has been part of the global packaging giant Jefferson Smurfit. Now it's time to put that name up in lights.

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Voicing our concerns

European level. "The EU is far

more concerned with con-

sumer interests than most

national governments have

been in the past, and as a result,

industry has become more

transparent in all its activities."

Fixing on totals within the

BPF is not easy since there are

varying levels of membership

says Mr Jones.

In most areas of the economy, a slogan such as 'One industry, one voice' would be greeted with scepticism, but the strength of the BPF lies in the ability of the British producers and converters to forge cross-industry representation, unlike many of its European counterparts.

This ability to reach and levelop common positions and respond swiftly to the needs of its members has been particularly important for the plastics industry in recent years, and especially so for the sector with packaging interests.

The recent changes in organisation, bringing in a tier of four sectoral groups (packaging, construction, electrical and transport) above the level of membership groups, reflect distinctions made by the

Technical experts

The Plastics and Rubber dvisory Service is run by ie BPF to provide expert chnical advice on plastics d their uses, Operating via premium phone line (48p a te), the service can be Teached on 0839 506070. Its advisers can also source plastics materials, products id services.

European Commission for legislative purposes. The move recognises that issues at a national or European Union (EU) level increasingly require treatment on the basis of market sector rather than materials or techniques.

Any industry that only looks upstream is gazing at its own navel," BPF director general Ron Jones explains graphically. His 37 years in the industry, including six with the federation, have left him with a clear understanding of the technical, environmental and business issues facing members.

One major aim the BPF sets itself is to make clear to government how the UK plastics packaging industry is a national strength to be nurtured in particular as a support to the country's highly developed retailing network.

Increasingly the BPF has been called on to represent

national industry interests at a council, a committee level and product groups below this. Product groups have considerable autonomy to develop their own internal organisation and strategies.

MEET THE ASSOCIATION

The council, representing both raw material suppliers and converters, meets quarterly. It is reponsible for setting overall policy direction - such as the four sector groupings -

David Tracey of

have been add-

ressed within the

ship and a com-

mon approach

arrived at, the

federation's

message is being

increasingly

sharply targeted.

handed out at

Once issues

and the different divisions of some larger companies effecand ensuring tively have separate representathat the BPF i tion. However, of the 600 or so fully resourced members, some 125 have interests in packaging, whether at president is the raw materials end (including polymers and additives), Glynwed. machinery manufacturers or packaging manufacturers themselves. This last group comprises some 70 companies, the federation estimates.

The idea of the single voice is just as important at this market sector level, and the needs of the packaging industry and its suppliers to tackle environmental and safety issues played a major part in the decision to reorganise along market lines.

"Industry needs someone to speak up on its behalf. Individual companies, whatever

will be subject to some natural distrust. A trade federation provide a balanced input," says Mr Jones.

their standing,

Key chalpackaging membership have been the public perception of plastics and, related to that, the issue of waste management. "The experience derived from our treatment of the packaging waste issue can be applied to other sectors.'

> tor Philip Law. Alongside this more recent sector-based approach, the waste officers at a conference BPF's structure involves its

over 200 local government

Ring 0932 355191 NOW

organised jointly with Incpen.

says issues direc- BPF headquarters: representing national industry interests

Fact sheets were BPF director general Ron Jones has been 37 years in the industry

area of recent

been the devel-

opment of EU

food contact

standards for

olastics. The

BPF has wor-

ked closely with

MAFF on this

and used its

own publica-

tions to plot the

progress in

European har-

keeping its own

membership

informed. This

ment shows its

recognition of

the importance

of what goes

into plastics,

and above all a

willingness to

accept responsi-

the recent Labour Party to coordinate members' efforts

Europe conference in Glasgow to explain the benefits of plas-

and there was a presentation to tics to local schools.

bility for the industry it represents, says Mr Law. Since its founding in 1933,

With an estimated one third of all plastics produced in the UK going into packaging applications, the British Plastics Federation (BPF) has always had major interest in the sector. Paul Gander reports on how the issues facing members with packaging interests have helped shape the responses of the BPF as a whole.

An Education Task Force was set up earlier this year by the Environment Committee

the BPF has prided itself on responding swiftly to, and often encouraging, developments in the

industry. As an example. Mr Law cites the late '70s introduction of pet bottle manufacture into the UK. "We were quick to foster its growth on a national basis by forming a pet bottle group for moulders," he says.

The 35 permanent staff at the BPF's London headquarconsultants for

its Plastics and Rubber Advisory Service (see box). Another subsidiary organisation, the Polymer Engineering Group, monitors relevant research in higher education and publishes a directory.

Other publications from the BPF include market information, with a twice-yearly survey of UK industry trends, packaging having its own section. The federation also compiles reports for international plastics organisations. Apart from the many BPF

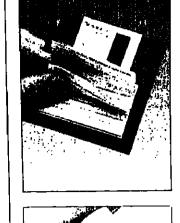
members represented on industry standards committees at British and European levels, the federation plays an important role in formulating voluntary codes of practice among members.

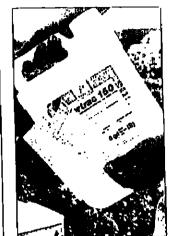
There is a long-established track record at the BPF of representing UK companies in DTI-sponsored exhibitions, involvement with major plastics exhibitions abroad and marketrelated shows in the UK.

The British Plastics Federation is at 6 Bath Place, Rivington Street, London EC2A 3]E - tel: 071-457 5000, fax: 071-457 5045.

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Rover's K series engine.

While md of German

based VP Papier, Georg

Kucha took the environment

category with his develop-

ment of an all paper, padded

postal pack which has been

a bubble film lined product.

developed as an alternative to

The last category of the

awards, organised by the

Institute of Packaging, for

sales and marketing was

clinched by Stephen Elkins,

packaging manager at Geest

Prepared Foods for directing

the successful launch of a

range of fresh chilled soups

from the Fresh Soup Co in

Robots palletise medical products

Robotic palletisers from Costi in Italy have been installed by Johnson & Johnson as part of its 'lights out' medical product operation in Gargrave, W Yorks.

Two Costi MP25 robots service up to 14 different pallet positions each, with up to 28 products identified and palletised by the system. The mobile robots were supplied by Amtrac Turkington with a control system which ensures that each product is correctly palletised according to set patterns.

Johnson & Johnson runs a three shift, five day operation in an area which includes completely automated no-heat and no-light sections, con-

tributing to its energy conservation programme. Fork lift trucks and wooden pallers have also been excluded from the production area.

"£500,000 contribution"

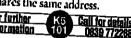
According to Amtrac, this is one of the largest integrated robot palletiser and conveying installations in the UK. Its own contribution was valued at over £500,000.

Cases of surgical dressings, procedure packs and medical gloves travel down line shaft roller conveyors supplied by Amtrac's parent company

Turkington Engineering, Two laser scanners initially register the hibe (hospital industry barende) on oncoming product, and this is double checked by a raster laser scanner.

Control information comes from a mainframe computer some 300m away from the production area. Transfer of the 1200 x 1000mm pallets is automatic, using a two position trolley car which receives full loads at one station and indexes over to feed an empty pallet back into the system.

According to Amtrac Turkington (Primrose Mill. Martin Street, Burnley BB10 1SH - tel: 0282 415174, fax: 454893), a service contract for the company guarantees efficiency checks on the robots three or four times a year. JF Turkington Engineering (tel: 0282 414940, fax: 414218) shares the same address

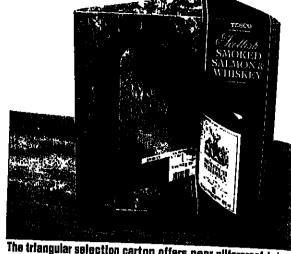


Triangular carton impa Reclosable multilayer success

vided Tesco with a special seasonal gift pack for two products needing different storage conditions and security.

A single pack was needed to contain scotch whisky and smoked salmon. Because the salmon needed to be stored and displayed in a chilled environment, an acetate window could not be used since this would mist up.

Tests showed that this would be the case, and Trenton Box researched a pack which would still be able to offer near pilferproof design. For the whisky, this is achieved by locking the top and bottom of the bottle into the carton. "The pack needed to show off the product but, at the same time, DEPALLETISERS, VOLUMETRIC FILLERS, WEIGHT FILLERS, WRAP-AROUND PACKERS, TRAY PACKERS, SHRINKWRAPPERS hold it firmly in place," explains



Further requirements included a quick release mechanism for easy access to the back of the pack once the salmon's sell-by date was approaching. According to Tesco, if customers wanted to substitute fish with a more distant sell-by date, this could also be easily done without damaging the pack. "This is truly consumer-friendly pack aging," says Lucy Nelmes, buyer for Tesco.

"Space utilisation was key to what they did," Ms Nelmes tells Packaging News, "The pack gave us very good visual impact for a product that consumers weren't looking for or expecting to see."

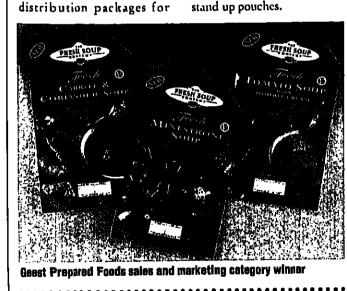
By working with Trenton, Tesco was also able to keep the price of the gift pack down to just the combined cost of the individual products,

According to Tremo, is design aimed at onthe impact and clear different from other products. Proce value of the gift born another consideration.

The limited scale of the special Christmas linema that the 4000 cartons produc could be hand packed, in Trenton (Marston Rod) Neots, Huntingdon, Carl PF 19 21 IF - tel: 0480 4786 Jax: 406225).

For transit, pairs of the angular cases fitted toget: face to face to fill a company rectangle. The cartonbard which was selected to vostand chill cabinet condita but also give good print@ tv, was decorated in he colours plus uv varnish.





Closing a waste loop

Boots Contract Manufactur- of used cases are returned from ing, a subsidiary of the Boots Boots stores and warehouses Company plc, has started to throughout the UK to Boots' close the loop in its waste management policy by extending a longstanding case supply con-tract with Rigid Containers Ltd to include collection and recycling of used cases, and supply of new cases incorporating the recycled material.

Rudi Fux of German Kramer

& Grebe and Dieter Flieger of

Du Pont Nemours Interna-

tional swept the board at the

1994 Packaging Innovator

awards, winning both the

overall title and the design cat-

egory for their reclosable mul-

tilayer plastics pack for fresh

Head of the judging panel

Sir Ian MacLaurin, chairman of

Tesco, said: "The combined

expertise of thermoforming

technique and materials tech-

nology has produced a pack

that not only protects the prod-

ucts, but also meets the needs of

Winner of the machinery

equipment and systems catego-

ry was a team led by Nigel

Kerr Intertest, for its low-cost

X-ray inspection equipment.

The system detects contami-

nants and rejects misshapen

contaminants

packs or missing products.

"Detects

and rejects

misshapes"

ers category, Unipart pack-

aging manager Alan Turner

and Paul Johnson design

manager of Bowater Con-

tainers Heavy Duty jointly

won for their work on two

King, md of Graseby Goring

openability and reclosure."

and chilled meat and cheese.

Achieving savings

Liz Lythall, development environmental coordinator with Boots Contract Manufacturing, who initiated the scheme, explains that: "Although this was originally prompted by environmental considerations, we are also achieving savings in waste handling costs."

says Ms Lythall. There they are pulped and used to manufacture papers such as Rigiliner. These papers are subsequently used by Rigid Containers (Rushton Road, Desborough, Kettering, Northants NN14 2RY - tel: 0536 760266, fax: 762714) in the manufacture of more cases

then transported by Rigid

Containers, the UK manufac-

turer of recycled papers and

corrugated packaging, to its

recycling pant in Selby. These

quantities are likely to increase,

for supply to Boots. For further K5 Call for details Around 10 tonnes a week

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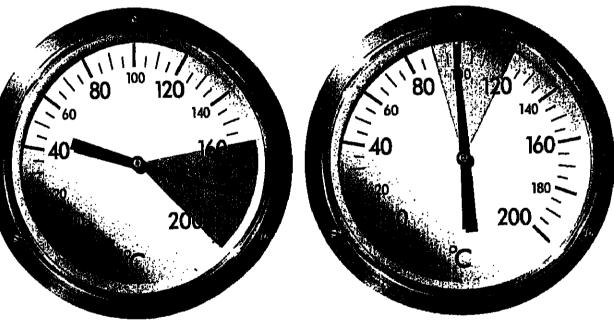
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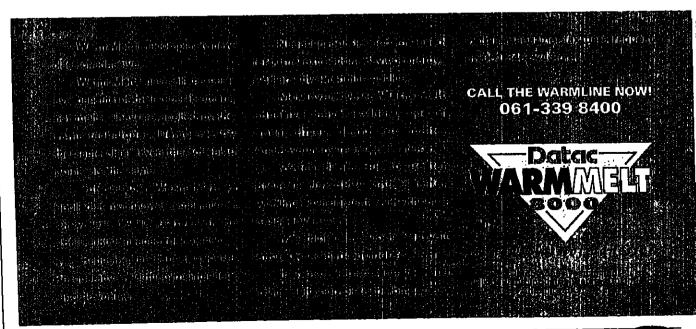
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PACKAGING NEWS/MAY 1994

Pictures of health

The healthcare market may soon be invaded by a posse of radically different pack designs, if manufacturers take to heart the findings of a recent piece of research. Pill Popping in the High Street, a report published last autumn by The

London Design Partnership,

examines the ways in which

recent market developments

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The same of the sa

include government policy, which aims to save millions of pounds by restricting the range and price of prescription drugs, and banning the prescription of entire product categories. And from this year, certain drugs previously thought by

Public perception is also

The market for complementary medicines such as vitamins, dictary supplements and homeopathic and herbal remedies is thriving, due in part to a growing mistrust of pharmaceutical drugs and their

may prefer to prescribe.

playing its part, with 73 per cent of housewives, according to Mintel, now believing that the medical profession is encouraging people to treat themselves for minor ailments, and the same proportion agreeing that pharmacists are as effective as doctors in giving advice and product recommen-

pharmacy in-store. "In the dations for minor ailments. UK this poses a short term need to assess the impact of the changing retail environment in which purchases are made," states the report. "In the long term it poses a considerable threat." For one thing, it opens the way for own-labels. All in all, it is hardly sur-

Vitamin pills and other healthcare products are finding their way into supermarket trolleys along with the week's groceries. Meanwhile, more and more medicines are coming off the prescription-only list and going a direct sale in pharmacles. Recent research suggests that manufacturers' wanting their products to sell well over the counter will have to rethink their approach to pack design. Claudette Hall reports effects of the changing retail

"Pharmaceutical groups that environment, with supermarin previous years spent kets now stocking a considermoney getting out of ote are able range of otc medicines and now adopting new strategies Safeway, Tesco and Asda havto re-enter the market." The ing their own or a franchised larger ones have formed partnerships with fmeg companies, which see the potential of marketing former prescription-only products.

"For their part," the report continues, "the pharmaceutical companies recognise the strength of the fmcg sector in managing successful mass-market, consumer marketing strategies. However, all would

agree that a new genre of makering is needed to meet the unique challenges which le alicad for ote brands."

"Ote brands not only have the challenge of differentiator and loyalty to tackle, the must also communicate with consumers on clinical sales and efficacy," says the report

The role of packaging design in ote marketing is closely linked to the nature of today's consumer, according to the report: "In the aus " tere nineties, consumers are sceptical and thoughtful, li■Sanatogen ■ Sanatogen ... multivitamins plus IRON vitamin

erate and independent. Shoppers who once showed loyalty to a brand are now willing to try something new which

catches their eye." This change in attitudes, combined with the trend towards supermarket shop-

ping, is making point of sale a critical battleground. According to research carried out for The London Design Partnership in June and July 1993, people buying ote healthcare products in a supermarket behave very differently from those buying in a traditional pharmacy.

"As our sales in supermarkets increase," says Gerry O'Dwyer, creative partner of The London Design Partnership, "so the crossover of supermarket shopping habits to ote purchases will place greater importance on the front of the pack to answer all the consumer's concerns. Those relying on shoppers consulting both front and back of pack will be at a disadvantage."

Although the majority of shoppers stopping to look at ote products go on to make a purchase - 90 per cent in pharmacies and 56 per cent in supermarkets - only 8 per cent of purchasers make their selection without any detailed reference to packaging, and

84 per cent consider more than one product. "So, while one can assume

a large percentage of shoppers have made up their minds to make an ore purchase," the report concludes, "the exact brand or product they pur-

chase is a decision usually made at point of sale." However, consumers do not appear to share a common approach to ote packaging. The majority refer only to the front of the pack; only 41 per cent of those surveyed referred to both front and back. This behaviour is influenced by factors such as shopping environment, comparison across brands, and type of product purchased.

In traditional pharmacies 60 per cent of shoppers looked at both front and back, but only 27 per cent did so in supermarkets. Of shoppers consulting only one product. 70% studied both front and back, but for those considering a number of products the proportion fell to one in three. And while 60 per cent of shoppers buying vitamins consulted both front and back, only 27 per cent of those buying painkillers did so.

"The assumption that the supermarket otc shopper will be driven by safety and ethical concerns to behave in a significantly different way towards ote appears to be unfounded," says the report. "To succeed,

the design of front of pack must communicate all the product's strengths and not just some of them.

"An analysis of current otc packaging suggests that even some of the brands which have recently introduced new packaging use the front of pack essentially as a signpost or point of reference for the shopper trying to find a particular brand on the shelf. Much of the selling of the otc brand, promoting its core values and benefits over alternative products takes place in the dark, so to speak, on the reverse."

The London Design Partnership may have already been considering such problems when it redesigned the Sanatogen multivitamins pack for Fisons Pharmaceuticals in 1987, "Competitors' packaging was really just a collection of abstract coloured images communicating some strange information on vitamin pills," says Mr O'Dwyer.

"Our brief was to come up with something much more specific, to enable you to identify whether the proposition was relevant or not.

*The previous design of nine circles was all about pharmaceutical efficacy, and ultimately quite challenging and cold. We wanted imagery that was much more inviting - reassuring but also approachable."

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ERECTION PROBLEMS?

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TYPICAL PACK STYLES SERIES V



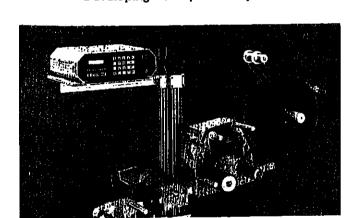
anatogen redesign: Communicates increased vitality some to be too dangerous for self-medication will be sold direct to the public. Other likely otc entrants

have influenced the behaviour of consumers purchasing over will be a number of leading the counter (otc) medicines. prescription-only medicines Current spurs to the that are due shortly to lose growth of the otc market, their patent, opening the way worth £1 billion in the UK, for cheaper copies that doctors



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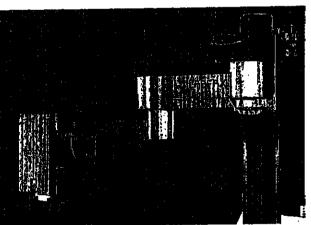
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The rest of the word coming off

the 'Z' was clear and concise,

and the white pack conveyed

the ethical values. The 'Z'

became almost a mini corporate

identity, and features strongly

'Z' logotype fulfilled Well-

come's wish for a pack that

appealed equally to men and

women. "The women immedi-

ately picked up on this soft 'Z'

because they found it more

accessible," says Mr Adler,

"but the men, although there

Research showed that the

in the brand's advertising."

Zevirex prescription only pack: Shows the problem

benefits of vitamin pills, the design team used illustrations to communicate the notion of increased vitality, through both the content and style of the pictures. The white pack and black logo conveyed pharmaceutical efficacy.

Mr O'Dwyer claims that although the redesign succeeded in creating a true differential between Sanatogen and the competition, it has since become "the generic benchmark packaging for vitamins". Subsequent redesigns have been merely evolutionary, since research showed that consumers saw nothing wrong with the 1987 version.

Wet tea bags may not

sound like a very efficacious remedy for cold sores - and indeed they are not, but they appear on a list of strange and unsuccessful "home remedies" tried by sufferers. However, cold sore victims who prefer not to "bother" their GP or who face a long wait for an appointment no longer have to resort to rubbing in coffee

sliave, perfume, toothpaste or talcum powder. Last September Wellcome launched its Zovirax Cold Sore Cream, previously a prescription-only medicine, for direct sale in pharmacies. Although the product would be dis-

granules or dabbing with after-

whose recommendation would play an important part in sales, Adler Design knew it still needed to create a pack that worked on the shelf.

"It had to be eyecatching and reassuring and send all the messages to give the product relevant appeal - ability to do the job, trust, and effectiveness," says creative director Adrian Adler.

The existing blue prescription-only pack featured a face with a red spot indicating the presence of a cold sore, and the Wellcome name and logo figured strongly. "Market research said we had to retain some medicinal heritage but played behind the pharmacist, also appeal to consumers," says

Zovirax pharmacy pack: Shows reassurance

Roger Crow, marketing manager at Wellcome.

Including people who used ineffective home remedies, 80 per cent of cold sore sufferers were defined as "non-treaters". So although Zovirax was an advanced product compared with others on the market (it can stop a sore from even forming, as well as treating one that has appeared), it was essential that the new pharmacy design did not scare off potential customers.

"We avoided the hardness of science and the barrier of complex chemistry and pharmacy," says Mr Adler, "and went more for a strong identity - not showing the problem, but showing reassurance. The soft were harder designs also o 'Z', almost like a squirt of the view, saw the 'Z' as being effeccream, was to give it impact tive, suggesting that the prof. and softness at the same time. uct is going to do the job." "Accessibility was the key.

Mr Adler describes his design as "a fine balance between the ethical, the effective and the accessible". In the four months after launch, consumers bought around 1.5 milion tubes of Zovirax, worth over £6 million at rsp.

The design solution adopted for Zovirax and Sanatogen both illustrate the conclusions of the Pill Popping report: "What is needed is the marrying of proven sucessful techniques from fuq packaging to the unique chil lenge facing out brands."[1]



Single use container

offers easy opening A single use container for dispensing products ranging from detergents to pharmaceuticals is being launched by Norden Pac International ab.

The Swedish company, which is better known for making 40 per cent of the world's tube filling machinery, says its tamper evident Unit Dose dispenser offers greater consumer convenience than other designs on the market.

"The container can be opened easily with one hand by snapping off the top with the thumb to dispense a precise, pre-measured dose, says Nils-Erik Engström of Norden Pac (UK: Church Street, Baldock, Herts SG7 5AF - tel:

The design also means it is easy to see if the pack has been tampered with, an especially important feature for pharmaceuticals and sensitive food products such as infant formula.

The container can be opened with one hand by snapping off the top with the thumb



0462 895245, fax: 895683).

ceuticals, other possible uses are for rinsing agents, mouthwashes, hair dyes and cosmetics. "It could also be used for super-concentrated refills of products such as dishwashing detergents," says Mr Engström.

The Unit Dose container is made of one material - polyethylene - which can be an aid for recycling as no parts of the container have to be separated. It can also be custom designed in a variety of colours.

Unit Dose is something of a departure for the predominantly machinery manufacturer although the first container available was the 'tube bottle' which was launched in 1991.

Bottling, packing and canning on show

Interest is growing in the UK Bottling, Packaging and Canning exhibition (BPC), planned as a "moving show" for 1997, with a dairy show to possibly run alongside it.

BPC '97 aims to fill a niche in the UK and international exhibition schedule by cycling with Drinktee Interbrau in Munich six months before it. Rather than competing head-on with the German show, says organiser Ed Binsted, it will offer companies the chance to amortise the costs of exhibits over two shows rather than one.

Rates will be £185 a sq m stand only and £205 a sq m for site plus shell scheme.

To encourage as many working exhibits as possible, Binsted Exhibitions is absorbing the costs of water, air and waste services in the price of

stand space, harly bookings of space will also mean that first lifting of exhibits will be included in the price. "We feel that this is what people want a moving show," says sales director Andrew Flew.

"Keen to get suppliers of consumables"

The organiser is keen to attract suppliers of consumables as well as line equipment, and will be making efforts to attract packaging buyers and specifiers among visitors.

The visitor profile will be different from Drinktee Interbrau, with more interest from the Anglo-Saxon business world, says the organiser (Walton House, 90

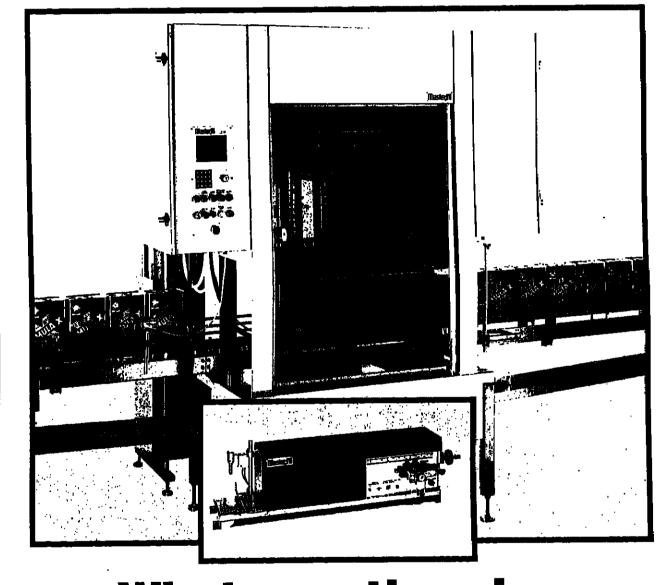
RG27 9LF - tel: 0256 764180, fax: 766102).

BPC will run every four years. The tirst show will be held in hall five of the Birmingham NEC 15-18 April 1997. Binsted is looking into the viability of running a show for the liquid dairy industry in another hall of the NEC alongside the Bottling, Packaging and Canning show.

Easier access than in other shows has been built into the floor plan for the show, again anticipating exhibitor interest in displaying as much working equipment as possible.

Other services for exhibitors will include workshops focusing on maximisation of the investment as a run-up to the show.

For further K5 Call for detail

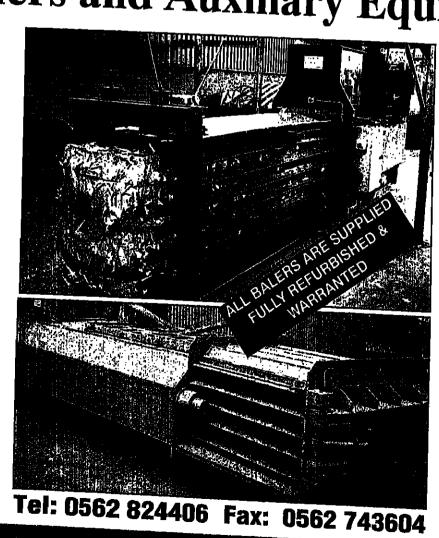


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Srl working with tinplate containers, and demonstrating its fine electronic control.

Programming on the Exacta system is said to be easy, with fill quantities inputted via a keyboard. Individual filling heads can also be regulated. No matter how many heads are being used, formar change takes the same time, and has been substantially reduced.

Products with low electric conductivity - those with low water content - can be filled on a system using magnetic induction meters. Mechanical metering is used with oily products, while special fittings are available for corrosive liquids.

Since liquids do not accumulate inside the machines, no sedimentation takes place, making quick cleaning possible with the minimum of water.

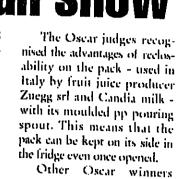
Rotary filling of edible oil was shown on the stand with the Exacta R. This can fill containers of between 3 and 5

All the advantages of

per cent increase in foreign visitors on the last lpack Ima exhibition held in Milan, with a total of 51, 659 visitors from home and abroad passing through the gates.

While pointing out that this increase in foreign interest can be partly accounted for by the deterrent influence of the Gulf War only months before the last show, Ipack Ima says that the success of the March '94 exhibition demonstrated that the expected revival in the Italian economy was already underway. Half of the visitors from abroad chose to attend on more than one day.

As a part of the Italian Institute of Packaging's Oscar awards, presented during the show, the organisers introduced voting by the public for its favourite pack. Of the 21 prize winning packs, PKL Combibloe's CombiTop carton won the most with 180



seal and a system which make opening impossible unless maing has already taken place.

NUOVO J

Latte

Gran forma

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cost cold pva adhesive on it

Fine powders such as flow

fax: 58319677),

sift-free closures.



around case and tray/film

Exhibited for the first time on the Baumer stand was the Compatta Combined wrap-

Reliable repeat perfor-During the gluing stage, mance is one of the strengths of pressure, temperature and flow the system, says Mr Gambetti, of adhesive is said to be optiwith just 0.1 mm tolerance

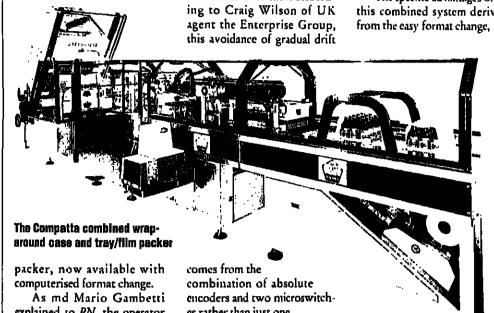
IPACK-IMA REVIEW

Tray/film wrapper

has computerised

format change

mised by a sequence of nozzles. The specific advantages of this combined system derive



maintained over time. Accord-

explained to PN, the operator no longer needs to make manual changes to the Compatta. The automated procedure takes just three minutes for a change in all three dimensions. Board size change is also automated, although loading of the magazine is still a manual job.

es rather than just one. Containers which can be

packed into cases or filmwrapped trays on the machine include glass and pet bottles and cans. The basic version of the Combined Compatta was introduced at Drinktee Inter-

says the Enterprise Group (Unit 7, College Farm Buildings, Barton Road, Pulloxhill, Beds MK 45 5HP - Tel: 0525 718288, fax: 718580).

High automation

Preformed pouches and standup pouches up to 5 litres - with or without a pouring spout can be filled on a system introduced at the show by the

Goglio Group. The GL90 works from a double row of pouches, allowing a high degree of automation, says the company (Via

Film saves on the

filling of pouches (Verona), Italy - tel: 010 39 332 940200, fax: 940201). Quick size change is said to be another advantage of the system.

Goglio itself supplies a range of pouches, including double-wall packs with easy opening. Ascptic packs ranging from 5 to 500 litres and ultralight materials can be supplied. This pack range and different filling equipment for powdered, granular or liquid products are part of Goglio's Fres-co System.

Materials used in the company's ascotic system range nclude aluminium sandwiched between high mechanical resistance plastics, with a heat-sealable film in contact with the product. Fully transparent laminates can also be supplied, says the company.

an integral plastics spoon. Inge spa won an award for shrinkwrapping. Full stabilisation and protection of mother pharmaceutical pack but also potentially for inclus-

goods. No heat consumption therefore no risk of fire. Stretch wrap

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LEAD TIMES

construction can incorporate options as follows:-

One-piece cartoning

> Shown on the Mingozzi stand was the 1005 vertical cartoner producing sift-free one-piece packs as an alternative to bag-in-box.

included a Pechiney reclosable

can with ring pull opening inside

for Illycaffe ground coffee, and

pe or pp packs for single doses

of liquid pharmacenticals with

Filling cartons between 5 nd 7kg with powders, granules and other free-flowing products, the 1005 is the largest n the Mingozzi range. Users can economise by using a combination of hotmelt and lower

cocoa or diy fillers can be cartuned in a single operation without the cost of an inner bag, says UK agent Notem Ld (Millshaw Park Avenue, Leeds - tel: 0532 779504, fax: 760557) Carton dimensions can k

PKL Combibioc's CombiTop carton attracted 180 visitor votes

from 80 x 30 x 120mm high ₩ 275 x 150 x 375mm high. Six 3 parts simply clip into place for toolless changeover, and adjustment of the four volumetric or auger dosing heads is by servo motor.

printing of white

bopp product range include low barrier metallised and white voided films.

Available in 15 micron thickness, Radil ZC is a coextruded metallised film which can be laminated with printed pp or polyester. It is sealable and suitable for food packaging.

> "Different thicknesses:

Radil ECW is supplied in different thicknesses from 35 to 50 microns. Sealable on both sides, it has been used in Italy for food products by manufacturers such as Mulino Bianco. According to Angelo

Additions to the Radici Film Ventura of Radici, the ability to save on the printing o white is a major advantage for many converters.

"A major advantage*

The UK agent for Radici is Gadbrook Packaging (West House, 20 West Street, Reigate, Surrey RH2 9BS - tel: 0737 246990, fax: 247306).

According to the company, some 70 per cent of its 1993 output went to the home market, but the proportion going to export may rise to around 40 per cent this year.

Two-head efficiency

Equipment on the ica stand included the Duopack 2000 high speed vertical ffs machine with two forming tubes.

Unlike other systems, which are effectively just two single-head machines in parallel, the Duopack is more efficient in its use of the 2-head system, says ica. The drive alternately operates one tube and then the other, with each tube making 50 per cent of the total output.

Up to 140 bags a minute can be filled on the pc-controlled machine, says the company (Via del Litografo 7, 40138 Bologna, Italy - tel: 010 39 51 6017011, fax: 538211).

Among other machines shown were the CSV30 - BC, which forms well squared packs.





The volumetric filling system shown by Mario Ronchi Sri

litres. Other models include

the Exacta L for large contain-

ers up to 251 and the CF for

flexible containers. The CF

comes in continuous and inter-

mittent motion versions for

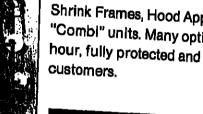
Other products shown

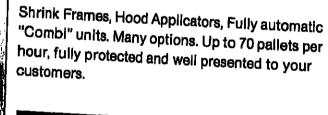
were the Sirio P rotary capper,

which is used for spray and

dosing pumps and can be sup-

containers up to 31.





plied in a monobloc version

exclusive agent in the UK is

Propack Automation Machin-

ery Ltd (Binns Close, Tor-

CV4 9TB - tel: 0203 470074,

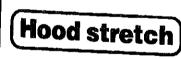
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The Italian company's

with a Ronchi filler.

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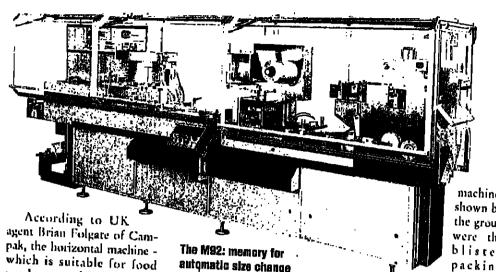
machine introduced by Gnudi Bruno at the show offers simple size change and almost immediate settling down with minimal waste of time or mate-

0536 61501 fax: 204538).

The two versions of the PG cartoner, the P1 and P2, can handle cartons in the size ranges 50 x 20 x 100mm to 200 x 80 x 300mm and 75 x 20 x

parts of the machine, and cleaning is easy. There is clear access to the magazine for refilling with blanks.

Among the many other



automatic size change products such as biscuits, cakes, pizzas and pies - can be 100mm to 200 x 120 x 300mm put through a complete size respectively. It operates at a change in just 10 minutes. top speed of 70 cycles a The simplicity of

minute, says the company. changeover means that According to Gnudi, unskilled operators rather than which is part of the CAM only trained engineers can group, hygienic conditions carry it out, says Campak were also important in the (Burkitt Road, Earlstrees structural design of the Industrial Estate, Corby, machine. There can be no Northants NN17 2DT - tel: accumulation of crumbs and

CUEPRINT

M92 - now able to handle pp as well as pvc blisters - and the KO continuous motion cartoner. First introduced at interpack, the M92 also has a memory for automatic size

> check against overloading of blisters and pre-perforation.

change. Features include a



Plastics substitute

Finseda showed its Ecoshine paper/plastic combined material, designed to substitute plastics in drinks cups, along with its expanding range of lidded board packaging.

By using paper as the base material with a removable 12 micron pe film, Italian company Finseda is claiming the advantages of compostability

for Ecoshine and separability for recycling if necessary. According to the company,

laboratory tests show that after two months underground, Ecoshine is completely composted. The material is also said to offer high levels of rigidity and resilience to softening caused by condensation. UK agent Aston & Full is at

Pearlised films for cold seal

Products shown for the first time on the Manuli Film stand included a pearlised opp and matt opaque film.

The scalable S2P film is a coextruded product already being used in Italy. The film has not yet found applications in the UK, says Manuli, but agent Graphic Image Films

Ltd is excited about the prospect of being able to offer the product.

"A lot of companies over here are using pearlised films for cold seal applications, and Manuli has a large enough capacity to meet demand," says David Moss of Graphic Image (Unit 5, Jackson Industrial





Finseda's board packaging

high stiffness treated boards

used for packs, cups and lids

Mill Lane, Monks Risborough

Aylesbury, Bucks HP27 9LL

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company's range of ice creat

and yoghurt containers.

Including family-size contain-

ers, the packs are made from

high stiffness treated board

The same printable materials

used for cups and clip-on lids

ments suitable for detergents,

especially powders, are avail-

able from Finseda.

Tubs with inner reinforce

Also on display were the

For print lamination there is the MA2 film, a low gauge film still being trialled in lake and not yet used in the UK. Especially thin films for lamination in snack packs are another area being developed followed by convenience.

take-home market.

Guinness Runcorn is just

packs for the Swedish market. "Hi-Cone is simply the most cost effective form of multi packaging available and in the highly competitive market in which we operate, that has to be our main consideration," says Jeremy Browne,

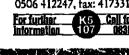
of continuous motion, the Models 273, 293 and 2293 The financial benefits of which are installed at Guin-Hi-Cone derive partly from its minimal use of polyethylene ness' Runcorn plant operate at speeds up to 2400 cans a and partly from its low warehousing requirements. Also, minute. They require little in the same carrier can be used for the way of maintenance and downtime is virtually non-Further cost savings are to existent, says ITW Hi-Cone be found in the operation of (Cookham Road, Bracknell, Berks RG12 1RB - tel: 0344 the Hi-Cone machines which, 860166, fax: 861869).

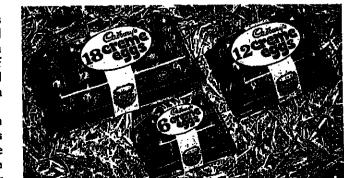
says Mr Browne, are extremely efficient and reliable. Built around the principles

a number of different brands.

for Guinness Runcorn.

field Industrial Park, Liv-





Egg carton inspired packaging for Cadbury Creme Eggs, by Polbeth

Widget success underlines growth of take-home beer

the introduction of Guinness's widget has brought sales of draught Guinness up to 250 million cans has served to underline the expansion of the take-home beer market.

Lovers of draught Guinness, now able to pick up a four-pack of the dark 'flat' creamy stout that tastes just as good from a can as it does from the pump, continue to boost beer can sales for home consumption in an ever expanding market.

The growth of take-home beer has been linked with the development of the multi-pack which offers a means of buying larger quantities of individual cans while avoiding the risk of wastage involved in larger containers.

In a Gallup survey conducted last year on behalf of the Can Makers, 49 per cent of all adults questioned stated a preference for multi-packs of cans of beer and lager over single cans or glass bottles. Fourpacks were shown to be the most popular with price the overriding reason for purchase,

First introduced in the UK in the 1960s, the multi packaging of beer originally took the form of board packs but in 1973, the plastics Hi-Cone carrier was launched in Britain. By the mid 70's it had become widely adopted and today, it has an 85 per cent share of the

one of the many brewers to have opted for the plastics ring carrier concept. It has been using the system for over fifteen years and has three Hi-Cone machines producing all its four-packs of draught Guinness and Guinness Bitter for the take-home market, a small proportion being split into two

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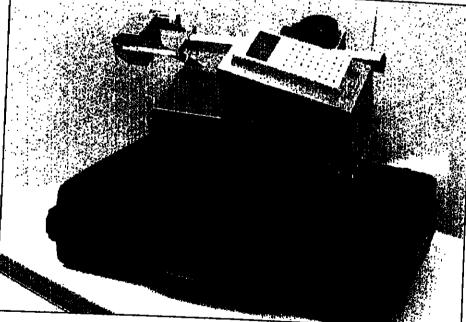
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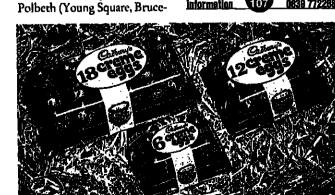
Call on 0839 772268 or circle number (K5-436) PACKAGING NEWS/MAY 1994 A fresh look for Creme Eggs

Cadbury's has relaunched its multi packs of Creme Eggs in egg carton inspired packaging designed and produced by Polbeth Packaging Ltd to meet Easter gift idea needs.

The thermoformed packs feature a blue base and clear lid which lock together with closely fitting tabs. A series of three packs has been produced to hold six, twelve and eighteen Creme Eggs.

"We decided to relaunch the Creme Egg multipacks because it is important that the packs retain a fresh modern look," says Jo Pinfield, senior product manager for Cadbury's Creme Eggs.

ingston, West Lothian - tel: A range of thermoformings is designed and manufactured 0506 412247, fax: 417331). for major food producers by



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TAPPI Coating Conference and

Conference and lair, the San Diego Marriolt, San Diego, California, USA. TAPPI service line - tel. + 404 446 1400

Exhibition, the Utrecht, Jaarbours. Tha Organisers, PO Box 8500, 3503 RM

Utrecht, Holland - tel. +31 30 955911 International trade exhibition for tood

processing and packaging machinery. Sao Paulo, Brazil. Alcantara Machado Feiras E Promoções, Rua Brasilio Machado 60, Cep-01230 Sao Paulo, Brazil - lel: 55 11 826 9111 Propack (Eurotech)

International packaging exhibition, Brussels Foire Internationale De Bruxelles, Parc Des Exposillons, Place De Belgique, Bruxelles B-1020, Belgium - tel: 32 2 477 D477

Control and Instrumentation **exhibition '94**

Exhibition, the National Exhibition Centre, Birmingham Stephen Ward, Enterprise Public Rotations, 165 Kensington High Street, London W8 6SH - tel: 071-938 2319

niernational trade lair for the agricultural, food and packaging industries, Vilnius, Lithuania. IFW Heidelberg, Landfriedstr. 1 A, D-69117. Heidelberg, Germany - lel: 49 6221 16

10-13 May International packaging exhibition. Madrid Itema, Parque Ferial Juan Carlos 1, Apdo De Correos 67067. Madrid E-28080, Spain - tel: 34 1 722

Adhesion and Urethanes Conference organised by the adhesives

section of the institute of Materials, London, Mr S G Abbott, Secretary, IOM Adhesives Group, SATRA Footwear Technology Centre, SATRA House. Rockingham Road, Ketlering, Northants NN16 9JH - Iel: 0536 410000, fax:

International automatic identification and

barcode technology and equipment exhibition, Flong Kong, Business and Industrial Trade Fairs, 18/F First Pacific Bank Center, 51 Gloucester Road, Wanchai, Hong Kong - tel: 852 865

16-21 May Trade fair, Beijing or Shanghai Nowea International, Ms Life Windhausen, Postlach 10 10 06, 40001 Dusseldorf tel. +49 211/4560-720

Northprint '94 Graphic arts event, Harrogate Exhibition Centre Katrina Rowbury, Reed Exhibition Companies - Iel: 081-948

Improving Flexo Quality EFTA Seminar, The Manor Hotel, Meriden, Birmingham, Tony Bath, EFTA secretary, 7 Limerick Road, Rodland. Bristol BS6 70X - tel/tax. 0272 246965

Asia-Pacific Coatings Show Exhibition of chemical raw materials used in the manufacture of paints. printing inks and adhesives, the Hong Kong Convention and Exhibition Centre. Hong Kong. Jane Malcolm-Coe. FMJ International Publications Ltd.

Queensway House, 2 Queensway, Redhili, RH1 10S - tel: 0737 768611 Auto-ID Automatic Identification and barcode lechology exhibition, Singapore. Business and Industrial Trade Fairs,

18/F First Pacific Bank Center, 51 Gloucesier Road, Wanchaf, Hong Kong -19-22 May ProPak/MetalPak (Cannex)/PharmaPak Thefiand

Packaging and food processing exhibition, Bangkok, Thailand, Overseas Exhibition Services, 11 Manchester Square, London W1M 5AB - tel: 071-

20-23 May Pack-Print Asia/Plastics Asia Packaging and printing machinery and materials and plastics exhibition, Hong Kong. Business and Industrial Trade

Plastics high performance

packaging Conference, Dusseldorf Sponsored by the European sections of the Society of Plastics Engineers Professional Information Media Ltd, c/o Noorderlaan 33, B-2030 Antwerpen - tel: +32 3 541

International trade fair for packaging

materials production, paper and film technology, Düsseldorf, Nowea International, Postlach 320203, D-4000 Düsselderf 30, Germany - tel: 49 211 45

Packaging and Food Indonesia International packaging and food processing and materials exhibition Jakarta. Andry Montgomery Ltd. 11

Manchester Square, London W1M 5AB tel: 071-486 1951, fax: 071 486 8773 25-28 May Packaging and Food Indonesia,

Plastics and Rubber Indonesia Exhibitions, Jakarta, Indonesia. Andry Montgomery Group, 11 Manchesler Square, London W1M 5AB - tel: 071-26-29 May

International trade fair of plastics, packaging and conditioning, Morocco. Direction Generale De L'Office Des Foires Et Expositions De Casablanca, 11 Rue Jules Mauran, Casablanca, Morocco - tel: 212 222 813

Transpack Packaging, transport and recycling exhibition, Hamburg, Germany, Hamburg Messe Und Congress, Junglusstrasse 13, Messehaus, Postfach 302480, W-2000 Hamburg 36, Germany - tel: 49 40 8-10 Јиле

Packaging exhibition, Gornja Radoona. Slovenia. Pomurski Sejem, YU-69250, Gornja Radgona, Slovenia - tel: 38 69

Packaging trade fair, Perm, Russian

Europe House, World Trade Centre, London E1 9AA - tel. 071-488 3344

Printing & Packaging 94 (ITM 94) International printing and packaging equipment and materials exhibition Kuala Lumpur, Malaysia Andry Montgomery Ltd, 11 Manchester Square, London W1M 5AB - tel: 071-486 1951. fax 071 486 8773

tel: 071-486 1951 Packaging and food processing Exhibition, Jakarla, Indonesia Top Repute Co., 2102 Fu Fai Commercial 18-19 June Centre, 27 Hillier Street, Hong Kong -

Pharmaceulical trade Fair, Leipzig, Germany. Intech Overseas Fairs Ltd, P O Box 142, Rochester, Kent ME3 7NR - tel: 21-23 June

ICAP Expo 94 Exhibition and conference on automatic and identification and data capture, NEC, Birmingham Advanstar Exhibitions - tel-0244 378888, fax: 370011 20-25 June

Corrugated 94 Exhibition, Villepinte, Paris, Katrina Rowbury, Reed Exhibition Companies - tel: 081-948 9800, fax: 081-948 21-23 June

întrade '94 Trade show, Wembley Conference Centre. Setform Exhibitions and Conferences Ltd, Europa House, 13-17 Ironmonger Row, London EC1V 3QN lei: 071-253 2545 27-1 June/July Europacktec/Interplastics

Packaging machines and equipment. materials and printing exhibition, Warsaw, Poland. Nowea International. Postfach 320203, D-4000 Düsseldorf 30, Germany - tel: 49 211 456 002 international trade fair, incorporating

Printing & Packaging '94, Kuala Lumpur, Malaysia. BCi Overseas Fairs Division. George House, George Road, 3kmingham B15 1PG - tel: 021-455

International exhibition, Hong Kong. Business and Industrial Trade Fairs, 18/F First Pacific Bank Center, 51 Gloucester Road, Wanchal, Hong Kong - Packukraina '94

International trade exhibition, Kiev International confectionery exhibition for Messe- und Ausstellungsgesellschalt, finished products, processing and Ost-Handel Consulting nibH, GS1 packaging machinery, Tokyo, Japan Hamburg, Ulmenstrasse 10, D-22299 Overseas Exhibition Services, 11 Hamburg - tel: 040-48 75 90-91, lax Manchester Square, London W1M 5AB -040 48 75 99

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Jersey 07024, USA - lel: 1 800 829 13-15 September International packaging and food Labelexpo USA '94 processing exhibition, Kuala Lumpur, Exhibition, Chicago, Labelex Exhibitions

Malaysia. ADG Exhibitions, 1 Woodside Ltd, 131 Southlands Road, Bromley, Road, Amersham, Bucks HPG 6AA - Let: Kent BR2 90T - tel: 081-313 3535 30-3 August/September FUTURE EVENTS

Trade fair for the printing industry. Leipzig, Germany, Intech Overseas Fairs Lld. P O Box 142, Rochester, Kent ME3 7NR - tel: 0474 824092 31-3 August/September AsiaFood

International exhibition of food processing, packaging and handling machinery, equipment and lechnology Manila, Philippines. Trade Information Markeling and Exhibitions, S-324 Secretariat Building, PICC, CCP Complex, Roxas Boulevard, Pasay City, Manila, Philippines - tel: 632 832 0309

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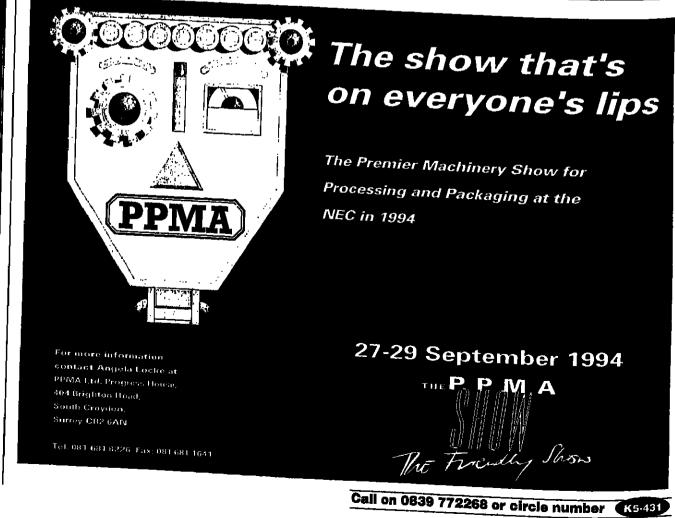
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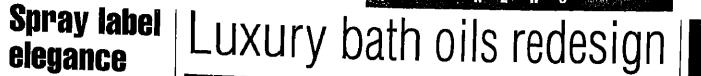
A Dry-Peel coupon label used for L'Oreal's Elnett Satin hair spray aerosol is said by L'Oreal to fit in with the stylish elegance of the Efficit brand graphics and provide a much larger area on which to express its promotional message.

The coupon version of Dry-Peel has been produced on self adhesive metalised polyester by Harlands (Land of Green Ginger House, Anlaby, Hull HU10 6RN - tel: 0482 561 166, fax: 564249).

The entire label can be removed to become a durable. dry coupon for redemption for goods and services stated on the label, says the company. For further K5 Call for details niormation 168 0839 772268



quality engraving



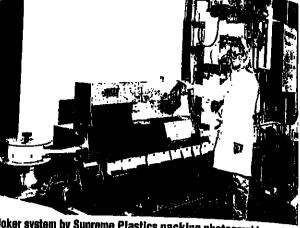


Lax & Shaw is said to have been featuring a corkmouth finish. instrumental in positioning the classic shape and very high Montagne Jeunesse range of bath oils in the highly competi-

Although Montagne Jeunesse had a clear focus of the 300ml packaging concept it was seeking, it required objective advice on the most effective design achievable within the technical limitations of its initial ideas.

Many variations

"What emerged is clearly a prestige pack, with its corkmouth finish, classic shape and very high quality engraving for each of the many variations of this luxury toiletry product," says Martin Jones, chief designer at Lax & Shaw (South Accommodation Road, Leeds LS10 INQ - tel: 0532 451568, fax: 149349).



Joker system by Supreme Plastics packing photographic powds

Low cost fill/seal for powders and solids

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BUT STILL Nº

ic print developing kit by llford Ltd are now packed automatically into bags on a loker system from Supreme Plastics Ltd.

The system supplies bags in linked format to an automatic dosing head which dips into each bag, releasing powder which has been volumetrically weighed, and keeping airborne dust to a minimum. An adjustable conveyor feature at the heat sealing head supports the weight of two sizes of bags filled, preventing the bags dropong out of the scaling heads.

The system gives automatic caling and delivery to a checkweigher and packing line where bags are packed with

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other components of the pair developing kir.

"Joker offers an easy 10 us, low cost alternative to complet ? form fill seal or wicketted bas for almost any granulated, powder or solid product," say Bill Aldridge, sales managera Supreme (Supreme House, 30) Regents Park Road, London N3 2TL - tel: 081-349 3434 fax: 081-346 1624),

Joker bags, supplied in a continuous 'Z' folded chain. incorporate two channels which are presented to two tools on the machine, Product can be filled vertically or horzontally with bags on a convevor or freehanging.



Kerrywild of Ireland is using a 100ml clear pet pump spray from LMG Fibrenyle for its Invigor 8 facial spray which contains pure spring water from Dingle, County Derry.

The pet pump spray incorporates an air filtration 'Eco atomiser' developed by Kerrywild, which allows sterile products to stay sterile over the life gas or chemical preservatives. Invigor 8 is the first product to be launched using this system.

LMG Fibrenyle is based at Skylon House, Ellough Industrial Estate, Beccles, Suffolk NR34 7TB - tel: 0502 713700,

31st Emballage show will be

At the exhibition will be

Pari Emballage - the packag-

ing challenge, which will pre-

sent a range of projects

devoted to the packaging of the future. Currently, 22 insti-

tutes, colleges and universities

in ten countries are working

on these projects.

Participating students are

interpreting fourteen working

bottling and point of sale.

Emballage fills up fast

Over half of the stand space is already booked for Emballage 94 which takes place at the Paris-Nord Exhibition Centre on 14-19 November.

According to the organiser, over 2500 exhibitors in more than 85,000sq m of stand space will be at the show with around half being from outside France. More than 120,000 visitors are expected over the six-day event.

EDual-tacine strategy"

Findings of exhibitor and visitor surveys have led the organisers to introduce what is called a 'dual-tactic strategy' in terms of layout: market based for packaging and functional for From these, ten overall winners will be found. For further information on

fax: 071-792 3525).

Slanchevi Lachi, one of Bulgarproving costly and inefficient.

The order is being hailed

A continuous separator-

At full capacity, the plant

HSE drafts rules on dangerous chemicals

New draft regulations pubment by the Health and Safety Commission (HSE) concern the provision of information about dangerous chemicals.

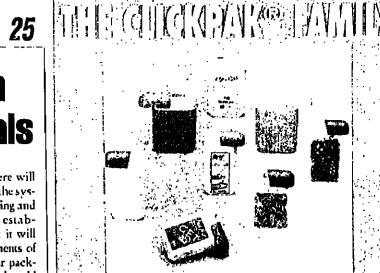
> "Deals only with supply requirements'

Known as CHIP 2 for short, they will replace CHIP I - the Chemicals (Hazard Information and Packaging) Regulations 1993 - which came into effect last year. In practice, it will only deal with supply requirements rather than carriage requirements as these have been transferred into

This means that there will be no major changes to the system of classifying, labelling and packaging chemicals established by CHIP 1, but it will implement the requirements of European Directives for packages of certain chemicals sold to the public.

These will have to be litted with child resistant fastenings and tactile danger warnings for the blind or partially sighted.

A three-page summary of the 650 page consultative document has been prepared by HSE and is available from HSE Books (PO Box 1999, Sudbury, Suffolk CO10 6FS - tel: 0787 881165, fax: 313995).



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of the leading sectors at the formation (5 Gall for datalla information (03 0839 772268

Sunny line for Bulgaria

ia's largest producers of sunflower oil, has ordered a processing and packaging line from Tetra Laval Food to replace the previously used glass and plastics bottles which were

by Thomas R Kormendi, vice president of packaging for Tetra Laval Fats & Oils ab as. "a prime example of how the former Alfa Laval's processing know how can be linked suc-

cessfully with Tetra Pak's packaging experience."

based degumming plant has been supplied to improve the quality of the oil feed to the existing refining line and the packaging component includes a Tetra Brik aseptic filling machine, including a Tetra tray packer and shrink unit.

will be able to produce around 3600 1 litre Tetra Briks an hour, says the company.

close to hand, also means It's time we did a little flag own NAMAS test station.* greater flexibility on quantities. Avaliable in 20 and 25 litre delivery, support

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One of packaging origination company Aaron Associates' latest projects was to ensure consistent print quality across 84 different own-brand biscuit lines, relaunched by Gateway Foodmarkets under the branded Somerfield range.

The illustration chosen by the retailer to provide a unifying image for each sub-range had to be recreated by each of the printers used by the biscuit suppliers, which offered huge potential for variations in colour, quality of print and overall shelf impact.

Aaron was given the task of providing a central reference point for the whole undertaking and, by using its reproduction facilities and print process knowledge, to ensure design integrity and consistency throughout the range. Aaron obtained a technical

print specification from each of the printers involved and then produced high quality colour separations to this tight brief ensuring variations were kept to a minimum. Any that did arise were then ironed out by the company's monitoring.

The result is a biscuit range ncorporating over 80 varieties with a cohesive quality image. Paul Day, the retailer's design development controller has no doubts about the success of the project. "My prime objective, as with all our product ranges,

A range of standard trays

measuring 130 x 180mm is

available in varying depths

and materials from Kalco

Aimed at the small pre-

packer or companies wishing

to conduct trials or one-off

promotions, the trays are said

to be suitable for a variety of

foodstuffs such as meat, fish,

Trays can be supplied in clear pvc, off the shelf in small

fruit and vegetables.

Packaging Ltd.

Clear pvc standard trays

With 84 own-brand biscuit lines on its shelves, Gateway's relaunch of Somerfield posed a challenge is to achieve print quality and consistency," he says. "For this range, the product photography was shot with a great deal of warmth to it and without

quantities for these test market

is 2000 pieces, says the compa-

ny (based at Unit 8, Semington

Turnpike, Semington, Nr

Trowbridge, Wilts BA14 GLB -

dard range of trays, the compa-

ny says that it can also provide

a bespoke service for the food

As well as this latest stan-

tel/fax: 0380 871500).

and allied industries.

urposes. The minimum order

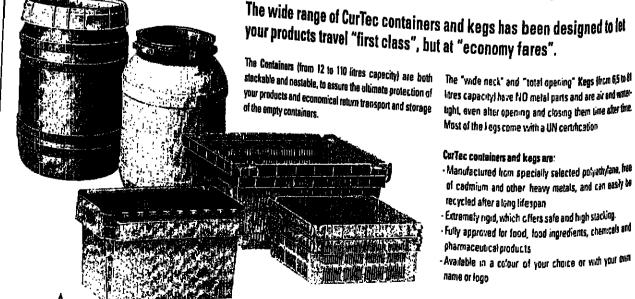
central origination would definitely have suffered 'correction' to more conventional tones."

Tailored origination pack

Avenue, Slough, Berks - id 0.753 553500, (ax: 553532)



Here is THE transport packaging! Where is YOUR product?



stackable and nestable, to assure the ultimate protection of lates capacity) have NIO metal parts and are air and with the capacity) have NIO metal parts and are air and with the capacity) have NIO metal parts and are air and with the capacity) have NIO metal parts and are air and with the capacity) have NIO metal parts and are air and with the capacity have NIO metal parts and are air and with the capacity have NIO metal parts and are air and with the capacity have NIO metal parts and are air and with the capacity have NIO metal parts and are air and with the capacity have NIO metal parts and are air and with the capacity have NIO metal parts and are air and with the capacity have NIO metal parts and wi your products and economical return transport and storage ught, even after opening and closing them time after time.

> CorTec containers and kegs are: - Manufactured from specially selected polyatrylans, has of cadmium and other heavy metals, and can easily be

recycled after a long lifespan · Extremely rigid, which offers safe and high stacking. · Fully approved for food, food ingredients, chemicals and pharmaceutical products

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PACKAGING NEWS/MAY 1994

Consistent print quality Original Easter carton on own-brand biscuits ideas by young designers

Resources Assistant.

between two sizes

Express Dairy has launched a 750ml carton for its milk range - a size exclusive to them - into the London area, following consumer research showed demand for a quantity which falls roughly

Both full fat milk and semi-skimmed will be available in the 750ml size in gable cartons from Elopak (Rutherford Close, Meadway, Stevenage, Herts SG1 2PR - tel: 0438 746746, fax: 741324).

They will be delivered to shops in tens in specially designed trays which allow for easy stacking while also preventing 'leakers'.

Environment exhibition

opens windows of hope

business and clean green profit."

"Investing

available from organiser, Reed

Exhibition Companies (tel:

tal industries."

081-948 9800).

Senior students had been set

the task of designing and making a carton suitable for sale at

Easter, to contain four choco-

late bars similar in size to a

from 21 finalists in the David S Smith Packaging Easter Chocolate Box Competition last month, winning £1000 worth of computer equipment for their schools.

Katarzyna Niciecka from Launceston College, Cornwall won first prize in the senior competition - 13-14 year olds while Kirk Tweedie of Georgetown Primary School n Dumfries won the 7-8 year old, junior category.

Over 500 individual and team entries were received from 15 schools, all based around David S Smith manufacturing sites throughout the country. These were then judged by David S Smith personnel to get to the 21 finalists stage.

Judging the finalists were packaging consultant Bob Pritty, Editor of Packaging News Gail Lea, Nigel Hayter, Director of Human Resources at David S Smith, and Hilary

between one and two pints.

Last month's Environmental

Technology 94 exhibition

attracted nearly 9000 visitors

over the three-day period,

including Labour's Shadow

Secretary of State for Environ-

David Bellamy.

mental Protection, Chris Smith and environmentalist,

The ET 94 exhibition opens

windows of hope for a sustain-

able future," commented Mr

Bellamy, "It makes environmen-

(I to r) Gali Lea, Editor of Packaging News, Nigel Hayter and Hilary

Carter of David S Smith Packaging and consultant Bob Pritty Carter, the group's Human

Just one carton The junior category was somewhat simpler with just one carton asked for, again to hold 2 chocolate bars about the size of a Cadbury's Wispa.

Commenting on senior winner, Katarzyna Niciecka's Chic Choc box design, the judges felt that it was very original with good background information also provided. Kirk Tweedie used the shape of a duck, rather than a chicken for his design, which the judges liked, as well as good Easter colours. David S Smith Packaging

Cadbury's Wispa, They had to

be easy to assemble and fill and

use a maximum of four colours.

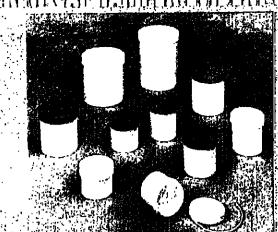
This senior competition

also asked for the design of a

transit display box which would hold 12 cartons and

would optimise pallet use.

hopes that more schools will take up the offer next year.



Situate of the second of the second s CARE CARITE AMARYS IVANDYM TO GOT NOVANTER STORM

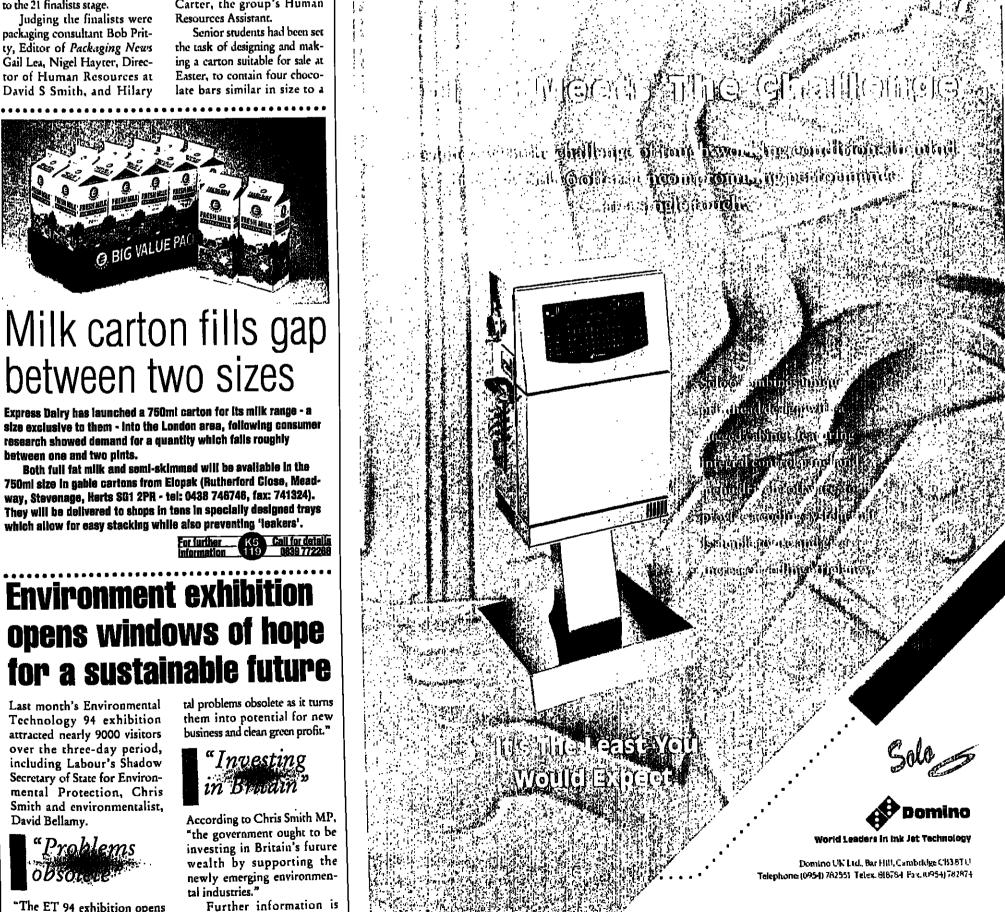
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CORRUGATED '94 PARIS, 20-25 JUNE FROM £209

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Please send further details on the Packaging News Reader Trip to CORRUGATED '94

With a near 50 per cent growth in visitor attendance on the last show two years ago, Foodex Meatex '94 goas down as a welcome success in the UK exhibition calendar.

Quality kept as numbers swell

The show at the end of March attracted 19,890 visitors, say the organisers, including 1,265 journeying to the UK from 64 countries. There was said to have been no loss in quality, with representatives of the leading processing companies calling in at the show.

For more information

about the 1996 exhibition, which will like this year's event be held at Birmingham's NEC and will run from 24 to 27 March, contact Foodex Meatex Ltd (PO Box 106, Coventry, CV7 9EA - tel: 0203 644200,

Fold wrapper ensures hygienic and easy collation of sausages

A fold wrapper for collations of sausages was shown by Burnley Packaging Machinery with final pack presentation, hygiene and ease of use as key improvements over existing

On the model 85, film is drawn around the product and heat sealed with a moving forming box helping smooth and exact placing of the printed surface. This is especially important where barcodes are involved, says Burnley.

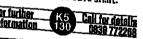
As a contribution to product quality after packing, a refrigeration unit follows on from the heat seal section to ensure that there is no heat retention in the product. Coding can also be included.

Low cost is a further

advantage, with prices at around a half those of competitor machines, according to the company (Farrington Place, Rossendale Road Industrial Estate, Burnley, Lancs BB11 5TY - tel: 0282 831733, fax: 423403).

Wrapping materials can be between 205 and 305mm for product dimensions from 92 x 70 x 19mm to 127 x 127 x 57mm. Up to 55 packs a minute can be completed.

A three dimension change including wrapping material is possible in less than 30 minutes, says machine designer Roger Butterworth. Reel changes are easy, he says, with the quick release core shaft.





Esselte Meto was shown running for the first time on a label overprinting and dispensing unit from Herbert & Sons. The tags from product security specialist Esselte

Meto work on an electromagnetic system and are incorporated - invisibly, when used in the field - into a self adhesive label. According to the company, inclusion of the sensor adds 2.5p onto the cost of each label. When used in store with EAS (electronic article surveillance) detection, the tags have a guaranteed 70 per cent detection rate.

"High value

Herbert's DP\$2602 (winlabeller will overprint weight/ price and other information onto tagged and non-tagged labels in programmable ratios. For high value produce, the machine can be programmed to print every third or alternate sets of pack data on a tagged label. If the pack price is very high, tags can be used throughout.

"The system is not there simply to detect, but also to

keting manager Peter Alda Potential shoplifters must made aware that the system in place and realise the nil. False alarms are minimised to the characteristic "fingerpo." of the tag. This uses an any phous alloy, given a unique signature by its 17 differen

metals, says Mr Alder. Unlike some other syterns, this tag is mass-switch able, and so suitable forex with high-volume product Says Esselte (354 Buckinghin Ave. Slough, Berks \$L14ND tel: 0753 810535, fax: 810828)

Among other equipmen shown for the first time on the Herbert stand, was the CV2600E converger. The automatically orders theme go former output into single file The BMS2600 will check every barcode for legibility and right those which do not sean, as Herbert (Rockwood Ways Haverbill, Suffolk CB9 8PD-

tel: 0440 703551, fax: 62048). The Herbert Outer Ca Marker was given its list showing by the company.



SP6000 stretchwrapper has simultaneous random and fixed

The system will automatially adjust batch weights to a ninimum above the set target been redesigned, with customised manual infeeds or an and provide accurate producautomatic infeed available for rion data. The outfeed conveyor for transfering product to a bag or tray is 50 per cent the length of comparable units,

An intelligent weigh grading system from Sortaweigh had

its first public demonstration

at the exhibition, while on the

same stand Delford showed

equipment including a

Developed to meet the

demands of packers requiring

batches of fixed weight packs,

the 480 Optimiser is a grading

system for products such as

fish or meat. Fresh or frozen

Espera Scales exhibited its ES

600 automatic weigh price

labeller with variable height

sensing and the 300P manual

weighing, labelling and wrap-

The 600 is said to accom-

modate any label format, can

rotate labels before application

and can be fitted with a second

Product codes governs con-

veyor speed, the conveyor

stopping method (whether soft

of normal stop) and whether

label rotation is required. Prod-

uct height sensing is combined

with automatic selection of

soft- or normal-touch applica-

tion depending on the product.

Espera's ES300P, the latest

iddition to the 300 range, com-

bines wrapping table, film

Nothing matches the print quality of a

Cooper Flexopress

economical to

use, the Cooper

Flexopress offers

perfect printing

(including bar

codes) on to virtually

printer and applicator group.

ping station.

food can be handled.

stretchwrapper.

says the company. Now completely manufactured in the UK, Delford's matic, with the possibility of

Weigh price labeller

holders and scale to give the

small food packer a particular-

ly compact and cost-effective

As on the standard 300

manual weigh price labeller,

multiple printers with different

customers' labels can run in

parallel. Fixed weight, fixed

price labels for one retailer can

be combined with variable

information labels for others,

cial fonts such as Japanese or

Arabic can be scanned in easi-

ly, a very important facility for

end-users, says Espera (The

Pines Trading Estate, Broad

Street, Guildford GU3 3BH -

tel: 0483 579766, fax: 572365).

Identifying logos and spe-

md Martin Stanton tells PN.

accepts all formats

weight labelling with different products or labels.

products arriving at random. Twin head weigh price labelling was demonstrated with the 7060 machine from fax: 241155). Delford. Changeover is auto-

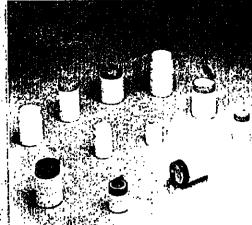
Delford and Sortaweigh are divisions of Portals Engineering (Main Road, Harwich, CO12 4LP - tel: 0255 241000,

Vacuum seal test at speed

A high speed version of the Ishida-Nonpareil VAC100 vacuum pack seal tester, with almost twice the throughput speed of the standard version, was launched at the show.

Up to 120 packs a minute can be checked on the system. which uses a rubber wheel with encoder attached. The amount of rotation permitted on each pack is recorded as a high or low count and passed or rejected accordingly.

Unlike the standard model, which stops each pack for testing, this system keeps the line moving throughout. Accuracy is comparable, says the company (Crystal Drive, Smethwick, Warley, W Midlands B66 [R] - tel: 021-541 1441, fax: 021-544 4659). For further K5 Gall for details



Antoppie exist all congultion in which district domer. Migrefft flishall fill floor a ture volumb ON BURNEY THE PROPERTY OF THE

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Reprograph 94

Reprograph '94 is a specialist one-day conference to examine the new technologies in colour pre-press for the printing industry.

Wednesday 25th May 1994 The Edinburgh Suite **New Connaught Rooms** Great Queen Street London WC2B 5DA

PROGRAMME

9.30 - 10.00 Registration and Coffee 10.00 - 10.15 Opening of Conference by Chairman 10.15 - 10.45 The grey area between colour pre-pres

and desktop publishing Tony Johnson, Crosfield Electronics List

10.45 - 11.10 Flatbed colour scanning and colour me Paresb Patck Agfa-Gevaort Ltd

11.10 - 11.30 Morning Coffee

11.30 - 12.00 Drum scanners for the desktop environment Nic Ingram, Dainippou Screen (UK) Lid

12.00 - 12.30 Black boxes are dead - long live open systems i

12.30 - 13.00 High frequency screening for PostScript
Peter Ashman, Service Offset Supplies Ltd

13.00 · 14.00 Lunch

14.00 - 14.30 The PostScript environment - What it can

14.30 - 15.00 Colour retouching and high-quality output

15.00 - 15.30 Afternoon Tea 15.30 - 16.00 RGB v CMYK - is compatability possible: John Swain, Barco Ltd

16.00 - 16.30 Proofing - Why do we need it? Brent Martin, Du Pont (UK) Ltd 16.30 - 17.00 Open Forum and summing up of presentations

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all flat packaging materials. With a Cooper Flexopress you can reduce expensive warehouse stocks of pre-

customers need. Available in single and multi-colour versions, and with virtually no size restrictions, the Cooper Flexopress provides total flexibility in printed

printed materials and offer the print quality your

James (Sandy) Robertson

James Robertson is now chief executive for the Smurfit division comprising UK Corrugated Ltd and the Cundell Group, Operating out of divisional headquarters at Hatfield, Herts, he will be responsible for the 23 operating units contributing to the Smurfit Group's total corrugated production in the UK.

David Debell has been appointed managing director of Meeo Iwema, the UK subsidiary of Meeo Pak ab of Sweden. Meco Iwema is an established supplier of wraparound case packers and shrinkwrap machinery.

Gary Lasham has joined the Low & Bonar Carton division as general manager of Bonar Cereal Packaging, where he will report directly to md Peter Robson. Previously he was general manager of DRG Plastics Corby, a Bowater

Jeffrey Smith has taken up the post of director, European sales and marketing development for the US-owned Consolidated Thermoplastics division of the Rexenc Corporation. The division is now building a UK production facility in Scunthorpe.

Dieter Kondek has been appointed worldwide head of sales and marketing for Linotype Hell ag, joining the board as an executive member. Mr. Kondek's previous experience was with the computer hardware and software industry in

John Griffin, and of United

Glass, is to retire at the end of

June after 28 years with the

buyer alike.

With over thirty years experience in printing inks and twenty years lecturing on inks, Chris H Williams brings a unique blend of

knowledge and presentational skills to the task. The result is a book that is equally

The 244 page book is well illustrated with 70 photos and diagrams, and case bound to ensure durability with repeated use. It is published by Maclean Hunter Ltd, Maclean

Hunter House, Chalk Lane, Cockfosters Road, Barnet, Herts. EN4 0BU at £24.50.

The

Printer's Ink

Handbook

At last – a book on printing inks that can be easily understood by printer and print

"In my years in the trade, I have never before seen a book that even attempted to

explain the inks to the printer in his own terms, let alone succeeded." That is the view of Dr John Arnold, Director of Corporate and Policy Affairs of the

consultant Chris H Williams FIOP,

BPIF of the new book by ink

LRSC, MInstPack.

PEOPLE

Liz Allen is now director of Waste Watch, the national agency for waste reduction and recycling. For the past five years she has been London regional director of the Tidy Britain Group, and replaces Jo Gordon in her present post.

company, Owens Illinois Inc.

United Glass's parent compa-

ny, has announced that Robert

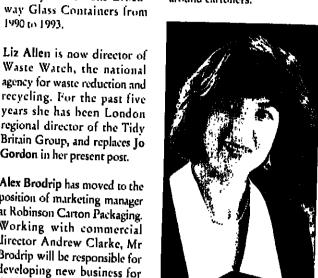
Coakley will replace him. Mr

Coakley ran Owens-Brock-

Alex Brodrip has moved to the position of marketing manager at Robinson Carton Packaging. Working with commercial director Andrew Clarke, Mr Brodrip will be responsible for developing new business for the company in the food and confectionery markets.

Jacqui Kealey has been appointed business development manager at Propack Automation Machinery. The

company represents Skinetta Pac Kiener stretchbanders, Ronchi bottle filling equipment and Racupack wraparound cartoners.



Hazel Matthews has been promoted to marketing manager at Lax & Shaw. Previously area sales manager, she has been with the company since 1986. She has worked with a number of Lax & Shaw's blue chip accounts and helped further its export performance.



ed to print services manager at Bar Code Systems after more than six years with the company. Responsibilities will include management of the

● SHRINK PALLET COVERS

● MATTRESS & DIVAN COVERS

● CARRIER BAGS, PRODUCE BAGS

● ETC, ETC

el: 0535 272871

customer care team and it. range of barcode label printe and verifiers.

Joe Bisland and Richard Vail have been appointed directors of Abbot's Packaging, each with responsibility for an arc

Emma Rushforth, a graduate mechanical and electrical engineer, has been taken on by GBE Lerner-Burgess as a designer. An expert in mechatronics, she brings to the company expertise in high speed machinery design. John Knight has retired as (

lirector of Heidelberg's south ern division, and will be replaced by David Button. previously northern division director. Mr Button will be supported by Derck Gillard now promoted to divisional



lmon Neale

Simon Neale has joined London bureau Design in Action as associate creative director (packaging). Prior to this appointment, he was with Fitch and Coley Porter Bell. He will focus particularly on pan-European opportunities.

Peter Carr has been appointed UK and European agent for specialist manufacturer Aquafilm. He has spent 18 years marketing water-soluble films and will be responsible for encouraging growth and exploring new markets.

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Paul Roddis has been promot-

Weigh-fill for corrosive liquids

Cussons (UK) Ltd has installed a rotary Weighmaster system from Serac at its Kersal Vale plant in Manchester which has allowed the company to fill its Lime lite household limescale remover n-house for the first time.

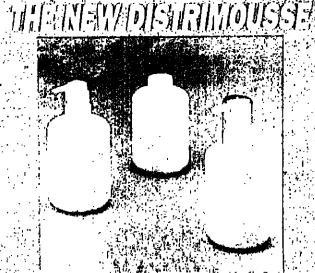
According to Eric Vose, Cussons' chief engineer, the system is especially suitable for filling corrosive liquids as any machine part coming into contact with a product or its vapour is made of highly-resistant plastic or titanium.

The weigh-filler, with its 12 liquid filling nozzles and six capping heads, is the second Serae system to be ordered by Cussons through UK agents Engelmann and Buckham Machinery (Buckham House, Lenten Street, Alton, Hants

other bathroom products at

The Weighmaster system uses 'strain gauge' technology which is said to climinate overfill.

The Lime lite range by Cussons (UK) is using Serac technology



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Stretchwrapper redesign

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The SP6000 stretchwrapper from Delford, which has until this year been imported from Japan, has been redesigned and is now being manufactured in the UK.

Stainless steel

It has been redesigned to ensure it meets the latest European standards of safety and hygiene and is now predominantly constructed in stainless steel, says the company (Main Road, Harwich CO12 4LP - tel: 0255 241000, fax: 241155). Microprocessor control gives up to 50 programmable memories for quick tray changeovers via servo driven motors, and it can handle pve and non-pyc film. A full range

of infeeds are available includ-

GU34 1HH - tel: 0420 82421,

The earlier machine was a

rotary volumetric unit which is

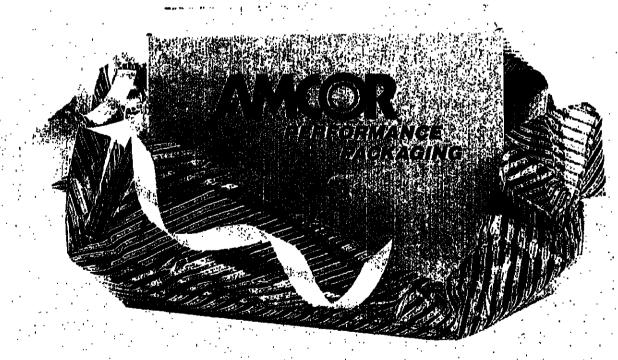
currently filling shower gel and

fax: 89193).

ing a fully automatic unit. The wrapper can accommodate soft wall punnets without product damage and trays up to J4 size, says the company.

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PACKAGING

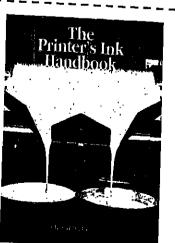
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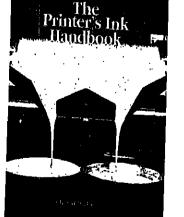
Please supply me with copies of The Printer's Ink Handbook by Chris H Williams at £24.50 + £2.50 for postage and packing.

I enclose a cheque for £.....

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PACKAGING NEWS/MAY 1994



STRIPEY TOOTHPASTE FOR FIRST TIME!

As PN entered the so-called 'swinging sixties', packaging developments were becoming more closely aligned with brand development. Notable firsts included the launch of Fairy Liquid and red-striped Signal toothpaste. Gail Lea reports.

CHOCOLATES WERE MARKETED FOR

THE FIRST TIME WITH VACUUM-

FORMED POLYSTYRENE TRAYS. TAKING ADVANTAGE OF THE

DECREASING PRICES OF PLASTICS

patented, red-striped Signal toothpaste in January 1960 following the products' success in the US. In what PN described as an interesting technical application, the striped effect was achieved by an injection moulded, polyethylene insert fitting tightly within the metal shoulder and nozzle.

This insert had five channels, each of which was filled separately with the red antiseptic mouthwash and toothpaste formulation of which the stripes were comprised. The



JAMES ROBERTSON & SONS WANTED TO SEND OUT THE ITS GOLDEN SHRED PRESERVES AS A LOOSE INSERT

able weight of six full bottles, said PN.

In July 1961, the lead story proclaimed that vacuum-formed plastics trays with wide potential uses in the confectionery trade -

were now an economic proposition

The article featured many packaging companies that were working on the development of cost-effective trays for this market and also highlighted test marketing propositions.

we said in October 1961. James Robertson & Sons had suggested

this feature be added to a labelling machine from Morgan Fairest Ltd as it wanted a better way of sending out the paper golliwog that was given away with jars of preserves.

now have them tucked underneath the label,"

The resulting machine ran at speeds of 140 a minute and, instead of gluing the full surface of the label beneath which the loose insert was to be placed, it strip-glued down each vertical edge. There was nothing to prevent the insert from slipping right through except the fractional grip secured by the

tightly applied label. Although many thousands of jars have been sent by Robertsons to every part of the country by road and rail, there have so far been no reported instances of the insert slipping through, reported PN.

AN EXTRA-STRONG HANDLE WAS USED FOR A CARRY-HOME CARTON OF SIX BOTTLES OF COCA-COLA

PACKAGING PICTURES KINDLY LOANED FROM THE ROBERT OPIE COLLECTION AT THE MUSEUM OF ADVERTISING AND PACKAGING.

FAIRY LIQUID WAS LAUNCHED IN 1960: THE PRODUCT IS SHOWN HERE WITH A SAMPLE PACK

white toothpaste was filled on standard equipment in the ordinary way.

All of this was achieved on what appeared to be an ordinary collapsible metal tube which sported a standard precision moulded, 'flower-pot' style cap.

n 1960 too came the launch of Fairy Liquid, shown in the photograph with a sample pack, and in April of the same year, PN reported on the extrastrong handle used for a carry-home carton for six hottles of Coca-Cola.

The handle, often the weakest point on bottle carriers, is supported by several plies of board to ensure that it can take the consider-PATENTED, RED-STRIPED SIGNAL TOOTHPASTE WAS LAUNCHED IN JANUARY 1960

PAPER GOLLIGWOG THAT WAS GIVEN AWAY WITH EACH JAR OF

e also reported that

Rowntree & Co Ltd were test marketing its Dairy Box pack with vacuum-formed polystyrene trays instead of the usual crimped paper, in Scotland.

"Companies that cannot put coupons, leaflets or premium offer slips into their pack because the product would soil or stick to them can

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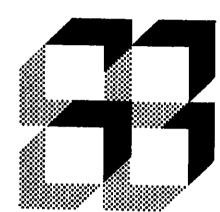
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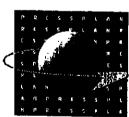
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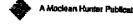


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Mobil Plastics Europe has relocated the company's management, marketing and sales, finance, logistics and employee relations departments to new offices in Luxembourg City from its original site at the production facility in Virton, Belgium. The move to new premises (Ia-1b Rue Thomas Edison, L - 1445 Luxembourg. G - D de Luxembourg - tel: + 352 45102 2211, fax: + 352 45102 2424), is to improve service to customers worldwide and to better centralise communications with the four production facilities. The move will not affect the present invoicing procedure.

ing operations at Odense, Denmark and Lysekil, Sweden to Danish company Glud & Marstrand, although it will retain a 20 per cent share holding in the new company. PLM's cao, Rolf Borlesson comments: "The sale concurs with PLM's overall strategy to concentrate its operations in metal, glass and plastics packaging for the European beverage Industry: a strategy that was confirmed recently when we announced the acquisition of the Austrian beverage can manufacturer Austria Dosen."

PLM has sold its metal packag-

SCA has reached a preliminary agreement to acquire 89.8 per cent of the share capital of Otor Holding sa, the privately held French corrugated packaging company controlled by its board chairman Jean-Yves Bacques and family. The acquisition is in line with SCA's ambition within the packaging area of achieving total European market coverage and increasing market share up to 15 per cent. The purchase of Otor boosts SCA's European share to 11 per cent and, in

Nippon Gohsel has signed a letter of intent with the DuPont company to purchase DuPont's

France to 16 per cent.

ing has taken 18 months to reach the required level of approval by ADAS and every employee has completed basic hygiene awareness training," says Alan Heath, the general manager of the company (0495 216929). evoh facility in La Porte. Storey Evans (0532 502323)

Solidboard packaging producer Merton Containers has gained

horticultural and fish industries. "The training and restructur-

Texas. The USA plant will be

employed by the company in

Japan and will begin produc-

tion in the summer of 1995,

says UK distributor British

592 4211).

Traders & Shippers Ltd (081-

Division of Himont Advanced

Materials from Himont USA.

Esswell nv and RCO (the corru-

Rochette group) have created a

joint venture company called

base, will service the emerging

needs of Eurocustomers - those

who wish to coordinate the buy-

ing of corrugated for their mul-

tiple sites throughout Europe.

The Escer network will consist

of 16 corrugating plants in six

Escor which, from its Paris

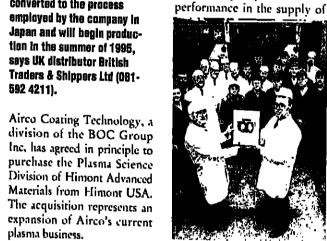
gating subsidiary of the La

converted to the process

ing programme for hygiene and general storage of food packag-

ADAS hygiene accreditation for the supply of boxes to the meat,

COMPANY NEWS



has won a quality award for its

Storey Evans success: Graham Waitho (right), the purchasing manager for liford, presents the award to Roy Smith, SE's carton department manager

cartons in record time from Hford, manufacturer of black and white photographic film. Ilford has experienced no production stoppages as a result of Storey Evans' materials said to be one of the key aims

SACK PALLETISING

Newtec International companies manufacture machines and systems for the specific palletising needs

of Agro, Bullding, Cement, Chemical and Food Industries, (FTH Mulhouse alone, achieving more than

of Bowater Packaging, has acquired carron manufacturers, Thomas Waide & Sons Lid from privately-owned Brand Packaging Holdings Ltd. The £2.5 million deal has been financed by Gresham Trust. the London investment capital house. Mr Hayes will become the non-executive chairman while the three executive directors are Derek Burberry, Leslie Scull and Steve Parker.

A management team lead by

Frank Hayes, a past chairman

ICI has installed a 4-cavity injection moulding machine from Husky in its Wilton Contre's Melinar Machine Hall to further develop new grades of material and gain quicker introduction into the marketplace.

Corby Corlon Packaging, the Corby based solid fibreboard subsidiary of Dutch multinational KNP BT has gained ISO 9001, BS 5750 Part I, the award covering both production and design.

Papermaker, Smith Anderson has gained BS 5750 at its Blairgowrie plant, one of its four production sites which use high percentages of recycled waste in both its paper and polythene products.

BPB Paperboard Sales, which manages the sales of paperboard products produced by the group's four production units: BPB Davidson, BPB Purfleet, BPB Radeliffe and BPB De Eendracht, has opened new offices in Radcliffe, North Manchester.

Bar Code Systems (081-549 0909) has a new bureau services team to respond to urgent demand for bar code labels. Assistance on all aspects of barcoding as well as supplies of preprinted, self adhesive labels can now be dispatched within 24 hours of an order being received, says

Luxury Swiss chocolates go into petg boxes



Lindt & Spruengii chocolates in petg boxes: responsible approach

Swiss confectioner Lindt & Spruengli has just introduced two of its chocolate products in petg boxes, a move in line with its objectives to switch to an environmentally responsible material capable of being recycled where facilities exist.

Lindor chocolates are now packed in a 500gm box and Hazelnut Gems in a 265gm box, both made from Kodar petg copolyester supplied by Eastman Chemical Company (UK: Brindley House, Corner Hall, Lawn Lane, Hemel Hempstead, Herts HP3 9YT tel: 0442 241171, fax: 241177).

This resin is easy to process and to thermoform, offers good barrier properties, readily accepts printing, and can be scaled by ultrasonic welding or solvents, according to convert-

er Staeger & Co (Luzernestrasse, 5630 Muri, Switzerland - tel: + 41 57451200, fax: + 41 57445247).

Staeger markets its sheet under the Villpet trademark and is the only supplier of the Kodar petg material in this form in Europe. For this confectionery application, Staeger extrudes sheets of between 0.2 and 0.4mm thick. The sheet is then printed, cut into the appropriate size and welded ultrasonically into the final chocolate box shapes.

For further K5 Call for details

For further K5 Call for details

installed two Elite portable inkjet printers from Cueprint Ltd, to replace hand coding of date and batch codes on its range of skineare products produced for a UK retailer.

The move follows the upgrading of the company's entire production line which has led to higher throughput of finished, packaged product.

Peter Black Cosmetics has

"With the speeds now being achieved on the line, hand coding was no longer a feasible method," explains Andrew Mortimer, production manager at Peter Black Cosmetics, "We were looking for a flexible system, and the Elite offered us the most cost effective solution." In particular, says Mr Mor-

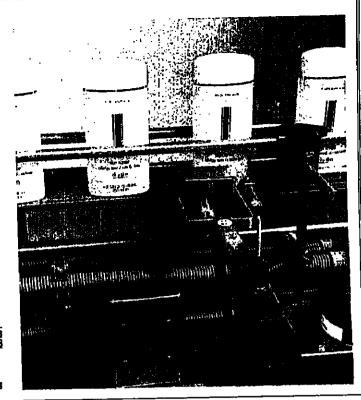
Portable inkjet move

timer, the Elite system - where the print head, circuitry and control panel are all contained in the one module - makes the machine totally portable and flexible and therefore easy to move to where it is needed at any particular time.

Set up is easy to understand and operate and the use of ink cartridges reduces mess and allows fast changeover with minimum downtime, says Cueprint (Compton Place, Surrey Avenue, Camberley, Surrey GU15 3DX - tel: 0276 691730, fax: 686895).

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printer at Peter Black Cosmotics



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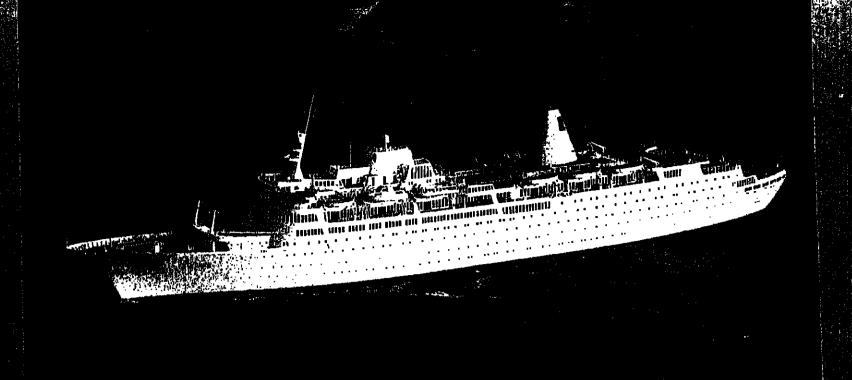
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Like Sir Michael Perry almost all of the 300 key buyers who will be attending packaging focus'94 (on board the P&O ship Sea Princess, 22-25 September 1994) have innovation firmly at the top of their agenda.

Jointly responsible for over £3 billion of packaging spend annually, these senior decision makers will be investing two days and three nights to keep up to date with key industry developments. Innovation, together with packaging price trends, will be two of the vital issues that will be discussed by delegates as part of the conference, at pre-arranged one-to-one meetings with suppliers, in think tanks and with fellow

This Event, which allows the most concentrated opportunity this year for key packaging decision makers to make valuable contacts, exchange ideas and focus on the strategic direction their businesses are taking, is in itself a major innovation.

If you would like to know more about how packaging focus'94 can contribute to your business success, please either return the coupon or call Julian Gorst or John McKee now on 081-332 2422.



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Labelling system permits bespoke petfood service

with bespoke packaging at little extra premium following the installation of a self adhesive labelling system from Herma Labelling Systems.

As well as meeting customer needs, the use of plain film has reduced stock holdings and associated costs.

Previously, the meat and fish based products were packed in preprinted tubular film material, scaled at each end with a metal closure, Ownbrand demands from overseas customers, as well as the need to provide variable information such as 'use by' dates, led to the search for an alternative method of pack decoration.

The unfilled film tube can-

A major petfood manufacturer not be prelabelled, so a is now supplying its customers method to apply the 100 x 150mm labels onto the awkwardly shaped cylindrical packs was devised by Herma (Hollands Road, Haverhill, Suffolk CB9 8PR - tel: 0440 63366, fax: 706834).

> Products are now manually loaded onto a specially adapted conveyor and indexed to the labelling station. The label is initially applied to the product in motion, while at a second station a Herma roller design wraps the label around half of the product's diameter at a speed of up to 45 a minute. Throughput speed is largely dictated by the operator loading rates, says the company.

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Laminate plastics trays of shelf stable microwavable ready meals are now being packed into a novel, one-piece combined board sleeve and reclosable splash lid by a wraparound carton system, devised by GBE Lerner-Burgess for a major Irish food nsanufacturer.

The result is a microwave pack that can be opened to allow the lidding film to be removed from the food tray and then closed to prevent splashes during cooking. Operating at speeds up to

65 packs a minute, the machine is fed with flat, die-cut and creased blanks measuring 178 x 525mm. After plunging the blank through a former to produce a U-shape, the machine uses a paddle wheel and gripper system to fold over one half of the board to form a sleeve, securing the side flap with hot melt adhesive.

This sleeve is an aperture to receive the food tray, which is then loaded vertically and

The microwave pack can be opened for lidding film to be removed The design of the pack posed two particular problems

around tray mechanisms, Second, the food trays are heavy, at this stage in the packaging rectangular, and fit tightly within the aperture, demandoperation, as Bob Morley. director and general manager at ing high accuracy orientation GBE Lerner-Burgess, explains: to prevent damaging the board. "First, the side flap of the

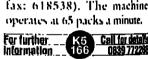
sleeve section has to be machine employs an entirely brought into place and glued mechanical action, with no against a blind surface which rules out conventional wrap-

"For this reason the

Every machinery order placed usually **involves some** kind o **customisation to ful**fiii specific customei requirements. These bespoke features can range from the sublime to the ridiculous and in the next ten pages, we highlight iust some of the most recent tasks fulfilled by machine builders.

the lid section is folded over by a further paddle wheel, and four spots of adhesive are applied to the flap, which is then ploughed into position.

The four spots of adhesive provide security for tamper evidence, but allow the lid to be opened easily and then reclosed for cooking using a tab lock, says the company (Fleming Road, Hinkley, Leics LETO 3DU - tel: 0455 613888, fax: 618538). The machine operates at 65 packs a minute.



Stretchwrapper handles large but light loads

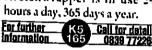
An enormous custom built stretchwrapper has been installed by United Packaging ple in the Styrofoam plant of Dow Chemical Co Ltd to secure the very large, but light loads the plant produces.

The unit has been installed for Dow's Styrofoam Plan range of extruded installation products which is produced in a variety of densities and sizes. Individual boards are packed into shrinkwrapped bundles and stacked on pallets measuring 2.4 x 2.5m, with loads measuring up to 3.1m high.

To cope with loads of this size, United built a special Pal Rapper 3000 fully programmable stretchwrapper with a 3.5m diameter turntable and a tower 3.7m high. It is equipped with an Opti-Miser PPS power prestretch system and a loading ramp from the company (Dewsbury Road, Cleckheaton, W Yorks BD19 5BQ -

tel: 0274 862616, fax: 851020). Palletised loads are stretch-

wrapped to provide stability as they are transported from the production area to the warehouse and during delivery to the end customer. They need to be secure as, while they are supported by a pallet when they are taken to the warehouse, no pallet is used during delivery. Production of the Styrofoam Plan range is continuous, so the stretchwrapper is in use 24





supplied to Dow Chemical Co

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Lubricant oil blend system extracts and mixes cleanly

weight of additive has been

A lubricant oil decanting and blending system from Masteriil has been designed, with the specific needs of the industry in mind, for elean and accurate extraction and mixing of costly and viscous additives.

Developed for a customer in the industry, the system uses weighing technology and a decanting lance to draw out the correct quantities of additives from steel drums. An integral lance cleaning system ensures there is no cross-contamination between products. A load cell under a roller

conveyor weighs each of the 200 litre drums before extraction begins, and the drum is tilted slightly. The lance, which can sense the level of liquid inside the container, dives to just below the surface, preventing excessive contamination of the lance.

Inklet version of

rotary tin labeller

used for paint cans

removed, the lance tracks to a rinsing kettle which contains the heated base oil for the lubricant. At this stage the base oil is used to clean the outside and inside of the lance.

"The weigh software will memorise the amount of additive?

If the required amount of additive has to be extracted from more than one drum, the weighing software will memorise the amount taken and the balance required.

An additional function of the lance is to help in cleaning

system, fitting in with ICI's

coding policies for the

Malaysian market. Standard

versions of the Sparkprint

machine apply two or three self

adhesive labels to set positions

on the tin. This is the first han-

dling system from the company

not to require labelling heads.

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contact parts use 316 grade stainless steel - can be adapted for use in the food and chemical bulk comainers is required.

once as much of the product as possible has been removed The lance can switch to spray mode, using the hot base oil to clean the drum walls, says Masterfil (17 Farmbrough Close, Stocklake, Aylesbury, Bucks HP20 1DQ - tel: 0296 25001, fax: 25002).

CUSTOM BUILT MACHINERY

By cleaning the container at this stage, the user facilitates safe disposal or reconditioning. Afterwards, the nozzle reverts to decant mode to pump the last of the contents nto the blend.

The same system - where industries, says Masterfil, where similar accurate blending from

successful policy to design and

develop highly specialised

product handling labelling sys-

tems and custom built sytems,

which form an important part

of our overall strategy," says

Charles Ackernley, operations

The RTL system can accommodate cans of all sizes

from aerosols up to 25 litre

drums. Last year in the UK

market alone 20 rotary can

labelling systems were sold by

the company (Darlington

Road, Northallerton, N Yorks,

DL7 8UA - tel: 0609 780333,

fax: 780423). Consistent regis-

tration is given by the spin sys-

tem which detects a

pre-printed mark before

the first lays down two lines of

24 or 16 dot text up to 9mm

high for the product name and

colour. Special fonts can be

provided for the Far East mar-

ket, says Imaje (Imaje House,

732 Lightfoot Street, Hoole,

Chester CH2 3AD - tel: 0244

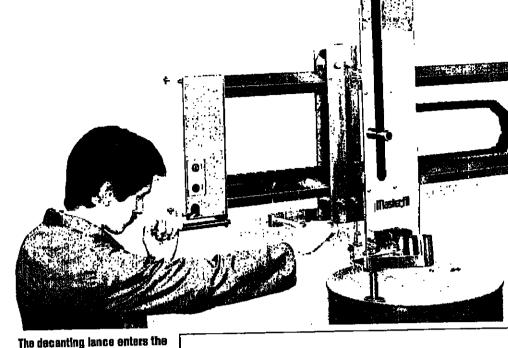
For further K5 Call for details

350732, fax: 350737).

Of the two Jaime printers,

labelling or coding begins.

manager at Sparkerint



drum to pump a measured amount of additive into the blend of base oil

Tea check accuracy

Checkweighing of teas is being done for Premier Beverages with a system allowing immediare correction of product dosing and integrated with a management information system.

Well-known brands such as lyphoo and Fresh Brew are having pack weights checked by series of 18 Best D30 machines. Apart from brand differences, the contents of curtons vary from 40 up to 275 teabags, with line speed between 7.5 and 150 cartons a minute.

Of the 18 machines, 11 are used as process checkweighers, with tea-bag weight calculated and adjusted if dosage is too high. This is carried out automatically by the system's servo-feedback facility to the Ima teabag making and packing machines. The remaining seven D30s

have been installed at the end of line, and are used to check that packs meet legislative requirements, says Graseby Best (Little Forge Road, Park Farm North, Redditch, Worcs tel: 0527 517283, fax: 517284).

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PACKAGING NEWS/MAY 1994

printer, a winner from Little David. Offers a

standard inklet features available tool

choice of three character heights from one nozzle and these can be mixed in the message lines. All

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date, Sparkprint Ltd is to

install a version of its RTL

(rotary tin labeller) for paint

cans at ICI Malaysia - but

using inkjet in place of

Two Imaje Jaime 1000 S4

labelling heads.

End load upgrade for confectionery



production site at York, which followed the company's takeover of Terry's, a customised end load cartoning machine had to return to work in the UK after service

A Kliklok Captain G machine was initially customised by Waddingtons Cartons for Suchard's premium chocolate mints, Twilight but it is now also working on the Milka Fresh continental brand of confectionery

When Suchard upgraded its presentation of Twilight by means of a foil board carton that incorporates sloping end walls, a flexible machine was needed to cope with the novel design and to run at speed without damaging the pack.

Quenwhelming?

the ploughs and guides on the cartoner to suit the tapered walls, redesigning the pushing

face to make it sufficiently sensitive for loading the thinly constructed tray, as well as improvedrive system to achieve higher . running speeds. In addition.

the machine was

completely 🗠 rewired to incor- Twilight and Milka Fresh

porate computcrised controls which now include self diagnostic error detection and display. This machine was installed at Suchard's Bedford plant

moved to the Herentals plant

Waddingtons oversaw the uplify, transportation and

installation to Belgium as well as modifying the unit to run on the continental electric current. At the same time, a bespoke intelligent product infeed unit was installed

which doubled

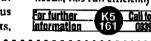
machine speeds. This in-line feeder system accepts random products and automatically spaces them out into the infeed conveyor, thus saving on labour requirements,

Fields Factory, Middleton Grove, Leeds LS11 5LX - rel 0532 760730, fax: 760165).

Waddingtons' machine support service continued in the three years that the carron erector operated in Belgium until earlier this year, when the company oversaw the system's return to the UK.

This time recommissioning · including a total machine overhaul and another doubling of operating speeds - had to be turned around in just one week to minimise disruption to the production schedule. It is now working 24 hours

a day, six days a week in York and, says Suchard packaging development manager, David Wiggins, someone from Waddingtons has always been available to ensure that the





The first pallet stretch wrapper to be dispatched to Bosnia is a semiautomatic, Flaloila turntable unit from Newtee UK Ltd (12 Windmill Lane, Southall, Middx UB2 4QD - tel: 081-574-3673, fax:

at British Forces' ODA warehouse in Split. It is being used to accelerate secure wrapping of relief supplies and was dispatched just nine days after receipt of order by Newtee distributor Istacast Ltd, film and stretch machine supplier.



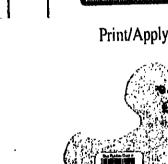


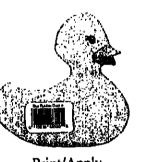
HULME-MARTIN LTD ARE RELOCATING THEIR SALES OFFICE & MANUFACTURING **FACILITIES TO LARGER PREMISES** AT BISLEY SURREY.

combine production, sales limitations of operating and service with the specialist converting London where this long activities of their subsidiary TAVAK.

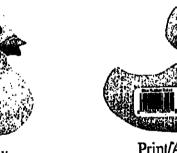
The new single site will The move avoids th a factory in the centre of established company has been based for many years.

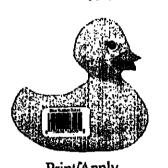






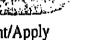






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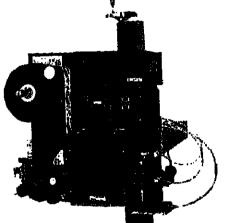
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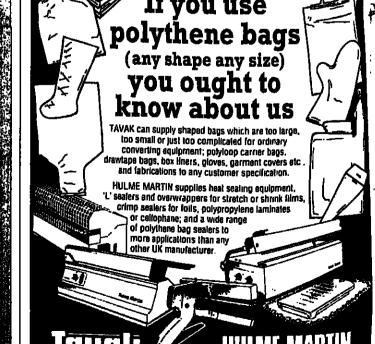


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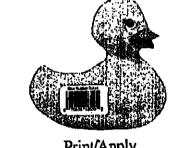
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DACECACIONES NICOSEMAY 1994

wrapped at speed

Attwood & Sawyer is now wrapping its exclusive presentation jewellery cases - containing stone set costume jewellery - at speeds of up to 600 an hour on an L sealer supplied by Burnley Packaging Machinery Ltd.

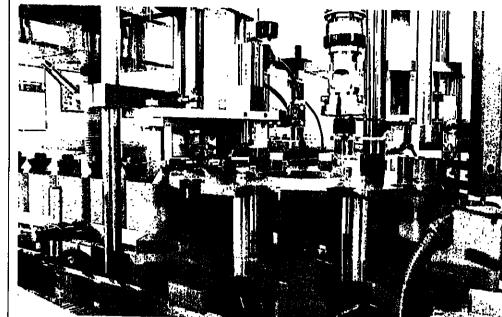
The compact unit can cater for many shapes of product and needs only single phase electricity. The system is said to provide for high quality presentation.

One of Attwood's major outlets, Kuwaiti Airlines, has also purchased an identical system to wrap the cases for duty free, inflight sales.

Fully automatic systems can be customised for individual requirements by Burnley (Farrington Place, Rossendale Road Industrial Estate, Burnley, Lancs BB1 5TY - tel: 0282 831733, fax: 423403).



Jewellery Automatic handling of liquid shoe polishes



The filling, assembling and capping line uses a puck system to transport the shoe polish containers

Glanmire Industries of Cork is now filling, assembling and capping its Punch range of liq-

uid shoe polishes on a line specially built by CE King Ltd. The shape of the bottle

and the sponge applicator located in the neck of the container meant a system had to

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be developed to allow the packs to be handled automatically. A four-head Kingfisher liquid filler and a modified version of the King CS60 capper has been incorporated into a line using a puck system to transport the containers.

Bottles are loaded into the pucks by hand and transported to the liquid filler where they receive the correct measure of liquid polish. Filled containers then pass on to the CS60 capper, modified to incorporate a plugging unit capable of handling the inserts.

"Controlling polish flow"

Each insert consists of a plastic plug fitted with a valve to control the flow of the polish and an applicator sponge. The nserts need to be located correctly into the necks of the pottles before capping stage.

The unit drives the plugs into the bottle necks and checks that the pins which form part of the valve are present and in the correct position. This is achieved by using a thin rod mounted on a cylin-

der under the feed chute, says CE King (41 London Road Chertsey, Surrey KT16 8AR. tel: 0932 565191, fax: 566593).

As each insert passes overhead, the rod moves upwards to check for the presence of the pin. If no pin is present, the insert is rejected.

"Pressing pins home"

The action of the rod also presses home any pins which are present but not locked and which could therefore cause the product to leak after filling. Once checked, the insen is gripped by jaws, placed into the bottle neck and driven home by a plunger.

Bottles are then capped and carried to a de-pucking station. When they are clear of the pucks and placed onto the out-

feed conveyor, a King orientation unit guides the bottles into the correct position for the labelling operation, while the empty pucks carry on round the recirculating conveyor and back to the loading station.

Sweet weigh accuracy

In conjunction with Scandinavian confectionery manufacturer Freia of Norway, Ishida Europe has devised a special counting and weighing system to maintain accuracy on bags of twist wrapped sweets.

At the same time, the CCW.Z.214W multihead weigher ensures that there is the right balance of individual varieties in each pack, says Ishida (Crystal Drive, Smethwick, Warley, W Midlands B65 1RJ - tel: 021-541 1441, fax: 021-544 4659).

The system comprises the weigher, a Cremer counting line and a Rovema bagger and to ensure the appropriate mix of varieties, the Cremer is first used to count a preset number of sweets. These are then fed via a bucket conveyor and a diverting timing hopper to two 'parent' weigh heads.

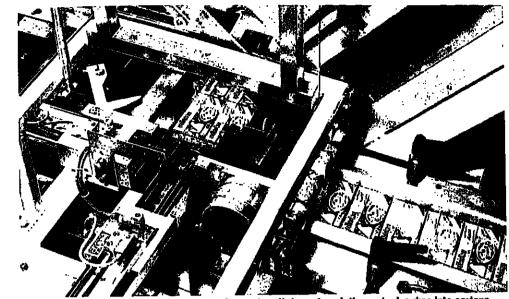
Meanwhile, sweets are also fed separately to the remaining weigh heads on the Ishida. The dispersion feeder at the

top of the weigher features photocell control to regulate the flow of chocolates into the weigh hoppers in order to ensure that only a small number is dispatched to each hopper at any one time. Fach parent head weighs

its product in turn and from this calculates the additional amount required to meet the pack's target weight. Typically this ranges from between 20-40g, around two to three additional sweets. A signal is then sent to the remaining weigh heads which discharge the extra sweets required to 'top up' the pack's weight.

The entire system is fully networked with interface between all areas of the operation. If, for example, unsuitable counted product is not rejected before it reaches the parent weigh head, it can be rejected in the diverting hopper above the bagmaker before being packed.

Two cartoning lines for Thailand



Two cartoning lines with a combined sales value of £536,000 have been supplied to the new CPC/AJI (Thailand) Ltd factory by Bradman Lake.

Each of the two lines is a turnkey engineering project in its own right and, working with CPC's consultant engineer Bill Mackie, Bradman Lake has taken full line responsibility in both cases.

As well as supplying its own Bradlok cartoning machinery, the company has purchased all necessary ancillary equipment, designing systems and commissioning

This allows the company to

offer customers substantial sav-

ings on traditional production

methods, says Domino (Bar

machines into a fully integrated packaging operation. The first line, commis-

sioned in Thailand in January. packs Knorr stock cubes and features three custom built Bradlok glued tray erectors, each with a specially designed automatic carton collating and tray loading system. Upstream, three Benhill

machines foil wrap and pack the stock cubes into cartons of either two or six cubes. These are fed - the two packs in lanes of four and six packs in single file - to the Bradlok erector/ loaders which automatically

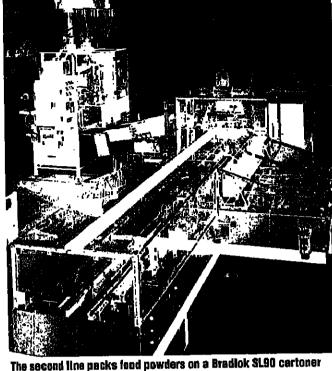
ing equipment or other

labelling systems.

count, collate and load them into three layers into trays containing 12 x 6 cube cartons or 24 cartons of two.

Each wraparound machine produces Knorr stock cubes of a different flavour and feeds a single Bradlok line, says Bradman Lake (Yelverton Road, Brislington, Bristol, Avon BS4 5HP - tel: 0272 715228, fax: 775514).

After packing, trays come from the collator/loaders on individual conveyors which converge via a purposedesigned system into a single lane. Computerised controls



and Gainsborough vifs with pouch conveying and loading system

then identify trays by size and flavour of contents, select batches of six or 12 and instruct a Domino inkjet printer to code them appropriately.

After coating, the trays pass through a Europack shrinkwrap tunnel from which they emerge ready for manual case packing, storage

and distribution.

A second end load cartoning operation was then commissioned by CPC/AJI Thailand which Bradman Lake will deliver shortly. Products to be packed are food powders such as cake mixes and cornflour.

choice of bottle size and format

Unrivalled

A Cluster-Pak 760 multipacker machine from Mead Packaging, just installed at Eagle Brewery in Bedford, is said to provide Charles Wells Lid with an unrivalled choice of bottle size and multipack formats for its ales and lagers thanks to an electronic rotate and divide system.

This new rotator/divider will serve an automated tray packing and shrinkwrap operation soon to be installed, says Mead (500 Woodward Avenue, Yate, Bristol BS17 5YS - tel: 0454 320000, fax: 320033). According to the size of bottle and format being packed, it will present multipacks in the aspect and number of lanes required by the end of line system.

Single line 3-packs will run straight through the rotator and then be divided into four lanes for tray packing. Double line formats will be turned through 90deg with 4-packs dividing three ways, 6-packs dividing two ways and 10packs going broadside-on in single file, says the company.

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Black & Decker products packed using Europack board mechinery: from acrewdrivers to lawnmowers

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batches of up to ten.

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The lawn mower line

product in the group - com-

Europack Engineering Co Ltd as its main supplier of packaging machinery after the company provided a complete range of board packaging solutions for its power tools and lawn

Design expertise at Europack has just secured a seventh order from Black & Decker - for a strimmer case packing line at the company's Spennymoor factory - in just

These lines - worth a total of £750,000 - meet a varied selection of packaging demands. Products now packed by Europack equipment range in size from Power Driver battery screwdrivers to lawn mowers, and also include Dust Buster vacuum cleaners, cordless drills, hedge clippers

Every line has been pur-

pose designed to meet the indi-Commenting on Euro. vidual dimensions, as well as pack's performance, George the handling requirements of Eldrington, manufacturing each product, says Europack engineering manager at Black & Decker's Spennymoor fac-(Common Lane North, Beccles, Suffolk NR34 9BP - tel: ordered one line so that we could evaluate its performance For example, the Power Driver battery screwdriver line against that of our machinery.

"We were looking for a ucts - collects and opens the single source manufacturer preformed boxes for manual whose products could meet an filling. The boxes are then foldextremely wide range of packed and glued before being colaging needs, and Europack has lated and tight wrapped in performed excellently. Europack are now our number one choice for packaging which handles the largest machinery - based on cost, design solutions, reliable delivprises a giant side load case ery, installation expertise and packer. As well as opening the after sales technical support." preformed boxes, this machine automatically loads each lawn



C90/A91 monobloe blister packer and cartoner has been supplied to the Irish plant of Rhone Poulene Rorer by Ima UK Ltd.

The machine is housed in a purpose-built, low humidity blister packing area constructed as part of a major investment programme being undertaken by the group to facilitate the launch of Ikorel and several other products.

Due to the nature of Ikorel, which is adversely affected by the slightest trace of moisture, great care was required in the construction of the packaging area and in the design of the

Ikorel is packed into a special aluminium strip holding ten tablets plus a desiceant to keep the contents in perfect condition. The ten small pock-

larger pocket at one end of the blister to hold a desiceant tablet 25mm in diameter. This larger pocket is connected to all the smaller pockets by tiny channels to enable the slightest trace of moisture to be drawn away from each tablet.

The C90 has been designed to work with different blister materials and this is the first to be supplied with change parts capable of handling cold formed ahi/alu and pvc. A spe-cial feeder has also been added to handle the desiceant tablets as well as the Ikorel tablets.

Indeed, the C90 gives Rhone Poulene Rorer the ability to switch between alu/alu and pve in ten to fifteen minutes, says Ima (Oaklands Park, Fishponds Road, Wokingham, Berks RG11 2FD - tel: 0734 772323, fax: 773453).

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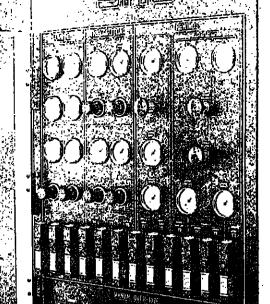
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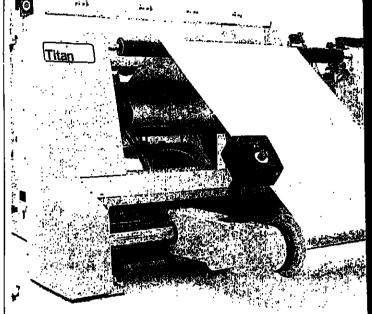
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PACKAGING NEWS/MAY 1994







Make The Conversion To Total Control

The demand for more volume is one thing, the individual characteristics of specialist laminates is another. Both require a breed of converting machinery that allows the necessary degree of control, for which Titan has introduced the SR6 slitter rewinder

The SR6 is a natural progression from the Titan SR5 - the most popular machine of its kind in the world - featuring new concepts and refinements to deal with a heavier and more varied workload.

In addition to more parent reel capacity from 1,000 - 1,800 mm wide, the SR6 has a maximum speed of 450 metres/minute, which is a 50 per cent improvement made possible by a new standard drive package.

The introduction, as a standard feature, of lay on pressure that automatically compensates for material diameter and speed, brings a level of rewind control that is essential when running many of the modern materials. Use the Titan SR6 to make the conversion to total control

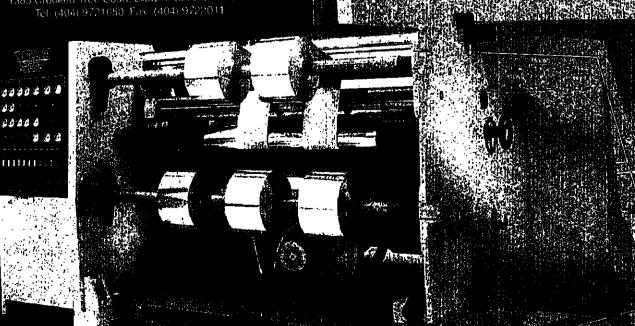


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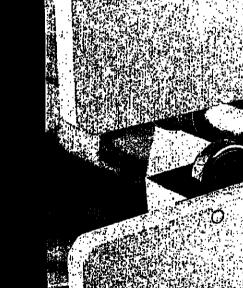
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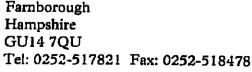








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minute



When Sara Lee launched its three container sizes. This a full body label to the contain-Radox shower gel in a comainer featuring a hook and a leakproof cap, it also automated the production line to increase output.

The new line was supplied by H Erben Ltd and comprised plant manufactured by German company Toelke, carefully designed to allow complete automation in two phases.

Due to the special shape of the hooked container, a system of pucks/carriers was used for transport purposes, with each one capable of handling all

reduced changeover procedures er, Toelke devised separate to height adjustment only.

The initial phase of

automation involved the supply of the puck/carrier conveying system which included a manual loading station for empty containers and a manual packing table for full containers. An existing filler and shrinkwrapper were used and a new capping machine complete with unscrambler and orienter as well as a new self adhesive labeller to complete the line.

To allow Sara Lee to apply

Due to the special shape of the hooked container, a system of pucks/carriers was used for transport

pucks for the empty and full containers complete with a special transfer unit. This unit turns the filled and capped container through 180deg.

All machinery on the line has been designed and sized to allow for a higher speed fully automatic line in the future. The project has been managed by Toelke's UK agent, H Erben (Hadleigh, Ipswich IP7 6AS tel: 0473 823011, fax: 828252).



Flow wrap alternative

Italian manufacturer EPM has built a custom modified version of its 300LTS bottom reel fed flow wrapper to provide a major UK medical products manufacturer with a lower cost alternative to conventional vacuum packaging machinery.

Intravenous fluid

Developed specifically to pack bags of intravenous fluid into high barrier plastic laminate. the 300LTS incorporates a vacuum probe to extract air from the pillow pouch as it is

formed. The vacuum pump is synchronised to the cross-seal jaws and operates just before they close.

Securely clamped

At the same time, a clamp holds the pack securely, preventing the force of air extraction drawing the pack backwards through the jaws, says UK agent, Sussex & Berkshire Machinery (Blacknest, Alton, Hants GU34 4PX - tel: 0420 22669, fax: 22687).

the face of the IV bag - which carries printed instructions and product identity - a pair of spreader bars descend as the cross seal is made, smoothing the film in a seissor action to bring it taut over the bag. In this way complete product viability is maintained after the entire

pack has been autoclaved. The machine is fed automatically, and has a speed of 33 cycles a minute.



The Bosch TFA 2425 at Jersey Milk - Five Oaks Dairy is being run on an extended day shift Second aseptic machine investment

tic system used, says Bosch

(Invincible Road, Farnbor-

0252 517821, fax: 518478).

ough, Hants GU14 7QU - tel:

lid materials are run through

sterilising baths of H2O2

before the containers are

formed. Any residual hydrogen

With the correct high bar-

rier material it is possible to

obtain product sterility for up

to 12 months. This is an

important factor for lersey

Milk's products where the

physical paremeters require 26

In operation, flat base and

Rapid growth in its sales of ulit milk and cream portion pots has led Jersey Milk to purchase a second TFA 242 aseptic packaging machine from Robert Bosch Packaging Machinery.

Jersey Milk is the commercial trading arm of the Jersey Milk Marketing Board in the Channel Islands and ventured into the portion pot business three years ago. Current sales levels of 200 million pots a. year has made this £1 million investment in a second

Indeed, with the purchase of a second aseptic thermoform, fill and seal machine from Bosch, Clive Bishop. director of dairy operations hopes to expand the export

business further with full com-

pliance with EU and 'Health Mark' requirements. As well as its Jersey brand, own-label production for contract customers in the airline. wholesale and catering industries is packed at the Five Oaks Dairy. It is exported to the UK and continent with mini pots now constituting nearly 20 per

cent of turnover.

"To compete in this growth market we required a high speed packaging solution, with an excellent sterility record and the capacity for future expansion," says Mr Bishop. After visiting similar installations, the TFA 242 was chosen.

peroxide meets FDA standards. The TFA 242 machines will be packing 14 and 10ml pots of milk, skimmed milk. cream and half-cream at up to 42,000 containers an hour on each unit. Importantly, maxinsum sterility of the container will be maintained by the asev-

weeks shelf life for milks and 14 weeks for creams. A separate aseptic cabinet

controls all the sterilising media and the forming of containers is plug-assisted, with the additional use of sterile air to ensure uniform material distribution, says the company.

The second TFA is just starting production at the Five Oaks Dairy on an extended day shift. "With full computer control on the new machine and some modifications on the first, we can now take full advantage of the opportunities this market presents," says Mr Bishop.



Wrapping pallets in cold store

A machine capable of wrapping pallets within a cold store at temperatures down to -30deg C has just been purchased by Birds Eye Walls for its Gloucester site. Performance and cost savings gained from the unit are such that the company are now looking to purchase a second machine.

The semi automatic pallet stretch wrapping machine has been developed by Robonac in association with Aetna UK (Greensbury Farm, Bolnburst, Bedford MK44 2ET - tel: 0234 376744, (ax: 376787).

According to Barry Tucker of Actua, this equipment is now the most advanced and safest pallet stretch wrapping machine operating in a UK or European cold store. It is also said to allow for less tension on pallet corners, film cost savings, less pallet damage and improved load stability.

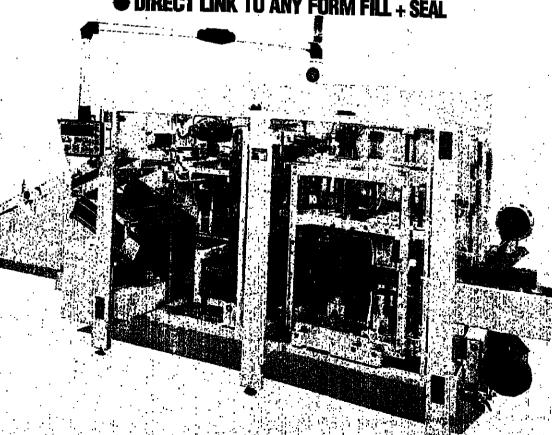
The machine comes with a self controlled power prestretch which, when used in conjunction with Mobil Plasties Europe's low temperature film, is ideal for any pallet load.



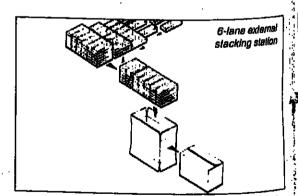
FINAL PRODUCT HANDLING AND PACKING

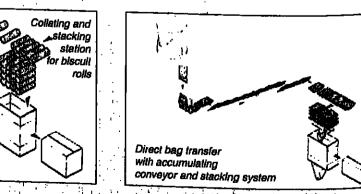
Case Packer 490-Toploader

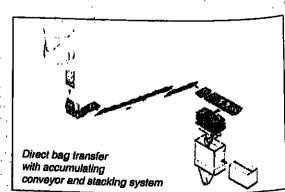
SERVO ASSIST SIZE CHANGE WITH MEMORY
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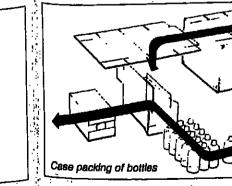


PACKAGING **EXAMPLES**

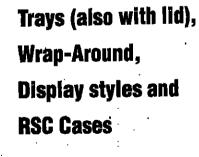


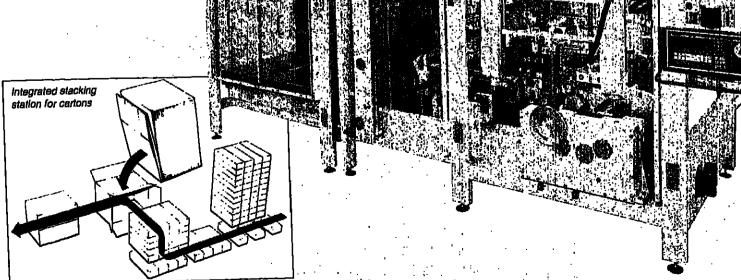






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Case Packer 446

Servo assist size change with memory
High speed up to 20 cases per minute

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In addition, where linked

Komori's PQA system

are automatically

'pass' and 'fail' sheets

separated from each

other and re-routed into differ-

ent deliveries, says Komori.

For further K5 Call for details information 147 0839 772268

fax: 798669), tells CW.

Removal System:

G.MOUXON

Specialised systems that operate with a single waste-producing machine, or an entire factory floor. Low-power vacuum to remove waste/trim at source and duct it to a disposal point.

> suitable for paper, film, foll, plastics & laminates handles trim up to

250mm width filters, choppers, separators can all be

Incorporated silencer booths can be

specified used in UK by Titan,

Atlas, Eldec, Visqueen, 3M, Bowater, Sunk yong etc For Jurihar 697 Call for details

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6 bladders inflated from a

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Double/triple coater encourages experiment

quality and greater flexibility

A double/triple coater version of the Lithrone 40 press has been launched by Komori UK Ltd which will enable packaging printers to further experiment with new colour/coating combinations to increase on shelf

press features twin coaters separated by a drying unit, enabling a range of combinations to be produced. Conventional inks can be coated using a dispersion varnish, dried using hot air then finished off with a uv varnish, says Komori UK Ltd.

The resulting level of gloss far exceeds what can be achieved using a single coater, asserts Komori. By having the coater/dryer/coater arrangement dispersion of metallic inks can also be applied.

The first European order has already been signed for a double coater Lithrone 40 with the UK packaging manufacturers, John Cleland International Group, as part of a £2 million investment, which also includes an eight unit Komori press, the first of its kind.

An enhanced CristalRaster

Version 2 software specially

developed for packaging appli-

cations is being developed by

Agfa-Gevaert Ltd and will be

This follows the launch last

month of CristalRaster 2, the

latest version of Agfa's sto-

chastic screening technology,

which offers greater flexibility,

up to 30 per cent improved

performance and increased

quality enhancements for text

"Dot size too

and colour, says the company.

flexo print"

Liz Harding, Agfa marketing

manager for electronic pre-

press systems, tells Converting

World that the version just

launched has a dot size too

Coating

available in September.

times that impact on reducing costs were obviously major considerations." Production director Ivan McMullan says: "The main reason for choosing the two

small for flexo printing, "To

overcome this problem for

packaging printers we are

developing CristalRaster so

that it has a larger dot size for

packaging applications."

"Option

available

CristalRaster Version 2 will

now he available as an option

to current Agfa postscript

Level 2 hardware and soft-

In addition, the company

(27 Great West Road, Brent-

ford, Middx TW8 9AX - tel:

081-560 2131, fax: 081-231

4951) has launched the Select-

Set Avantra tm series, the most

advanced drum image setter the

company has produced to date.

Initial system models include

SelectSet Avantra 20, which

outputs 14 by 20 inches and

ware RIPs.

Managing director John

McComish tells Converting

World: "We want the flexibili-

ty of being able to print con-

ventionally with uv and/or

aqueous coatings. The semi-

automatic plate changing

At the end of the year, a six

LITHRONE 40

colour Lithrone 40 sape with

two coating units separated by

a dryer will be installed at the

group's Belfast company, John

Cleland & Son Ltd.

facilities and faster makeready

tomers prefer uv coatings while others favour aqueous so we'll be able to offer both to suit their requirements. We'll be well placed to tackle the increasing market competition and environmental awareness in the packaging industry." As part of major enhancements to the Lithrone 40

on gloss levels. Some cus-

range, a double/triple delivery system has also been installed on the press which "provides

adjust for media thickness and

custom widths, Dual Supply

cassettes, user definable head

and tail punch registration and

SelectSet Avantra provides

four resolutions - 1200, 1800,

2400 and 3600 dpi, and

achieves top imaging speeds of

400 sq inches a minute at 1200

dpi. It also offers four spot

mum system uptime, all motors

and electronics are positioned

on the right side of the system,

for easier access by engineers.

TURN TO

THE BACK

For faster service and maxi-

sizes from 7.5 to 20 microns.

increased accuracy.

Software offers a larger dot size SelectSet Avantra 25 which has an output of 18 by 25 inches. The systems are compatible with conventional screening or the CristalRaster screening technology systems. Other options include FlexMe-dia, which allows the system to

tin Rickards, and of Komori

true high speed non-stop pro-

duction by continuing to deliv-

er sheets onto one delivery

while changing the pallet of

The double coater Lithrone 40 features twin

coaters separated by a drying unit

Whether you're laying down a single colour on kraft linerboard, or printing process on bleached board, Pamarco has the right anilos roll for your press and your product. The right roll to give you until the roll and hading the roll of the right roll to give you will be runs and hours. That's because l'amarco set: rolls are measured. Over the par half century, we've designed an

their first suppliers, we're still their primary supplier — with rolls that consistently meet the To help you stand up to eve

To help you sland up to ever greater requirements, Parnarco is also in the process of acquiring ISO 9000 certification. To comply with these highly respected international standards, we're making further advancements in operations, installing quality assurance testing programs, devising full technical training, adding accord heaving recording and the programs. adding record keeping procedures and more. Hecause lornomow's demands will be greater still —

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WHAT BETTER REASON TO VISIT

FULL RANGE OF COATING AND LAMINATING

SAUERESSIG ENGINEERING E 66 Hall 7

Casemaker includes vacuum-suction feed

Now in the UK from Jarshire Ltd is the CS casemaking line produced by Spanish automated box manufacturer, Tecasa SA. Software on the machine is tailored to the needs of the customer.

CONVERTINATION

Cord handle popularity

the fashion is well established

in the United States and

Europe and we have no inten-

tion of being left behind. We

expect this machine to open

up new markets for us, pro-

viding lower cost carriers

when compared to similar

UK agents, Englemann and

Buckham Machinery Ltd

(Buckham House, Lenten

Street, Alton, Hauts GU34

1HH - tel: 0420 82421, fax:

89193), the line joins three

other bag making machines at

Mr Whatmough says that

Tidland, Serious Quality

Supplied through Curioni's

hand-made bags."

the Lancashire site.

When converters want the best, they rely on Tidiand for Air Shafts,

core chucks, air brakes and tension controls, knives and slitting systems.

That's the way it's been for 40 years. Make your first choice the right choice.

Call Tidland for complete information.

And Roll Savers to restore crushed rolls.

This latest casemaker incorporates a vacuum-suction feeder system, flexographic printer, slotter, rotary die euter, in-line stitching with two heads giving up to 1000 staples a

counter/stacker and ejector. The integrated system is computer-controlled for total automation on up to 99 different on-line programmes. Computer control also extends

to the registration of printing

and die-cutting. Board capacities range from 3mm to 12mm with a total throughput of 8500 boxes an hour, says Jarshire the sole UK agent (Levels House, Brisminute plus a gluer and folder, tol Way, Stoke Gardens,

Slough - tel: 0753 825122, fax: 0753 694653).

For further K5 Call for detail Information 615 0839 77228

Testing the sticky strength on cartons

To overcome the problem of cartons failing to bond for new product launches, Robinson Carton Packaging have installed the Trimcote Ltd model SA-GW Glue Wheel.

tion speed, compact design and

of the usual drum.

paper flaps glued by hot melt.

the special formation for the Designed for short producbag bottom are advantages tion runs the SA-GW is also of over comparable machines. In use in a carton converter's labaddition, the flat bottom fororatory for testing adhesive mation is achieved through a qualities. Andrew Clarke linear transfer section instead Robinson's commercial director says its Chesterfield site "is Bag widths are determined now able to offer customers a on the Sun Master by the web complete pre-production serfolding along two transversely vice, including costing and adjustable guides driven by specifying the type of adhesive push buttons, reducing set up for a given application and times. The handles are prelikely adhesive usage with a formed and coupled to two good degree of accuracy.

"Previously, these recommendations were academic

Tidland (U.K) Limited 70-72 Manchester Road, Denton, Manchester. M34 3FR Phone 061-320 7242 Fax 061-320 4513

Call on 0839 772268 or circle number K5-689

The SA-GW Glue Wheel machine manufactured by Trimcote Ltd

them was to run trials on a cartoning machine itself."

Ordinary application of the hot melt adhesive from a gun by hand did not give consistent results, with differing amounts of glue at the start of the run and at the end, says Trimcote (Corringham Road Industrial Estate, Gainsborough, Lincolnshire DN21 1QB - tel: 0427 614857, fax: 811078).

US SLITTER/REWINDERS and

unwind stand manufacturer.

Webco Engineering Inc, has

Meltog Precision Engineers (tel:

signed an agreement with

0924 422822, fax: 422188)

which will now supply its prod-

ucts in Europe. Robert Cramp-

ton, Meltog sales and

marketing director, says:

NEWS BRIEFS

TO ENABLE canmakers and fillers to take full advantage of lightweight technology, CaraudMetalbox Engineering Seaming Systems (tel: 0905 758550, fax: 454823) has introduced four and six station seamers driven by lifter assemblies. CMB says it enables higher continuous speeds and excellent double seam control. Speeds range up to 750 cans a minute for the six spindle 10-6 machine

the four-spindle 10-4 version. EDALE LTD (tol: 0794 524422, fax: 513703) has sold over 50 E250-\$ flexopresses since its panies are now installing their

"Webco are agents for the Moltog range of sheeting and ruling machines in the US so and up to 450 cans a minute for this is a very useful reciprocal Invested in a web fed flexo

second E250-8. The press can also be geared up for uv flexo. creasing in one operation.

GREENUPS PACKAGING LTD (tel: 0742 738846, fax: 768953) has ing six colours plus one colour

Flexo/gravure correction

In relation to the ink technology feature in last month's issue under the photograph should curing facilities.

have read: A convertible flexo/gravure press in Coates Lorilleux's International Centre for Radiation Curing, at St Mary Cray, Kent (tel: 0689 827080, fax: 898680). The press on page 53 the correct caption incorporates both uv and EB

advantages Vernon Packaging is the first launch in 1989. Several UK com- press which is capable of print-UK carton printer to operate

the latest Dahlgren Litho Plus coating units on its recently on the reverse and cutting and installed five-unit Mitsubishi sheer-fed press. The Dahlgren Litho Plus

PACKAGING NEWS/MAY 1994

PACKAGING NEWS/MAY 1994

^{unit} is sold in the UK by accel-

erated drying specialist Spectral

Technology Ltd (667 Ajax

Avenue, Trading Estate,

Slough, Berks SLI 4DB - tel:

for Jurther (5) Call for details alormation (45) (839 772288

0753 528151, fax: 691351).

'Bags of Choice', the UK sup-

plier of carrier bags with fit-

ted handles, has installed the

latest Italian Curioni Sun bag-

maker machine at its Lan-

cashire plant in order to

capitalise on the trend of car-

riers with paper-cord handles

capable of producing high-

quality square bottom bags

with rope or twisted paper-

cord handles at speeds of up to

Neil Whatmough, general

manager at parent company

Ward Packaging Ltd tells

Converting World: "Already

This latest Sun Master is

for fashion outlets.

120 a minute.

VERRICANA COLOT Y LA TORO

FOR THE PLEY WILL LEM

ARD PAPER INDUSTRIES.

BOTTOM-WELD BAG- ON-THE ROLL

BOTTOM-WELD BAG: ON-THE ROLL
MACHINES
AR-YOR 872 GL. 1182 GGL
ARYOR 1872 GL
ARYOR 1872 GL
ARYOR 1872 GL
ARYOR 1100 GL
GUNTER ELB. 1303 - PUNICH BANKS
GUNTER YSK 2400 SINGLE AND ROLL
BAGS, 1884
LEMO UNWIND. SLIT SEAL , POST GUS
SETTING

SIDE-WELD:CARRIER BAG MACHINES COMAT 2 LANE T-SHIRT MACHINES COMAT 1100 SW FMC 106, TWIN TRACK FMC 175W, 75W, 85W, FMC 75W (CB) GLUED PATCH CARRIER BAG M.C

PAG ALC
FMC 105 - POUCH SEALER
FMC 106 TWIN WICKETED
FMC 106 TWIN WICKETED
FMC 105 SIDE WELD & INTERNAL PATCH
LEMO DISKOMAT BSO DRT-A PATCH
LEMO DISKOMAT BSO DRT-A PATCH
ISTIEGLER I 11300W TUS
STIEGLER I 11300W TUS
STIEGLER I 1130W TWIN WICKETER
W&H POLYREX 3 LANE T-SHIRT MACHINE
WOODBANK 41", 1807
W&H AD 2380 WALVE SACK MACHINES

BLOWN FILM LINES
APEX 90 MM, ROT, 280 MM DIE, 1300 MM
DOWNSTREAM
AFEX 90 MM, ROT, 380 MM DIE, 1600 MM
DOWNSTREAM

DOWNSTREAM GLOENCO 3 LAYER CO-EX HOPE LINE DOLC: 50 MM COMPLETE LINE DOLC: 75 KV, 1300 MM DOWN 8TREAM,

TWIN WINDER KIEFEL ROTEX 40 (4) KURINE 45F, LOVID, 1 MM DOWNSTREAM REIFENHAUSER 80, 1300 MM DOWN

REIFENTATION BY THE STATE OF TH

RECLAW
FALZONI MINI 60
HYDRECLAIM UNIT
PROCESS CONTROL UNIT (A3P)
1881 SIKOPLAST 14090 AND 180/110
ALPINE RE150/80, 1984
GLOENCO 80 MM, 40 STRAND DIE, CUMBERLAND PELLETIZER

CMF MIRAGE 809, 6 COL, 1450 MM, 1989 VK 434, 47", 36" TURRETS, 1978 W&H 736 SM, 6 COL, 1320 MM, 1977 PADANE STRATOS, 6 COL, 1550 MM,

1979/80 FISCHER & KRECKE 12DF, 4 COL, 1050

MAF GALAXY, 8 COL., 1450 MM, 1994 LITECO TOPAZ, 8 COL., 1450 MM WEB, ROBOT LOADING, 1991 CMF MIRAGE, 6 COL., 1450 MM WEB, 1984 F & K 32 DF, 5 COL., 1500 MM WEB, 1980 BTRACHAN & HENSHAW, 4 COL., 1170 MM WEB, 1976

FLEXO STACK CARRARO, 4 COL IN 6 COL FRAME, 1270 MM, 1977 CARRARO, 6 COL, 52' (1320 MM), REVERSE PRINT, 1978 CMF SUPER-FLEX, 6 COL, 50' (1270 MM), REVERSE PRINT, 1982 FLEXOTECNICA, 6 COL, 1050 MM, 1982, 1 MTR LWATE

FLEXOTECNICA, 6 COL, 1050 MM. 1882. 1
MTR UWMW
LEADERFLEX, 2 COL INLINE, 1016 MM,
1988 (SHOWROOM MACHINE)
FLEXOTECHNICA, 3 COL, IN 4 COL FRAME
PRESS SECTION. 1900 MM PRINT
MAP, 4 COL, 900 MM, 500 MM UW/TW, 1973
WOLVERINE, 3 COL, 812 MM, 1200 MM
UMWIND 8 REWIND
OMAT DERTHOYA, 4 COL, 1650 MM WEB
1250 MM DIA UW/TW, 1885
UTECO INLINE, 4 COL, 1250 MM WED,
1890

1990 Drial Intine, 4 COL., 1600 MM WEG, 1991 DMALFLEX 180, 8 COL, 1700 MM WEB,

MM, 1978 BIELLONI, 6 COL, 1280 MM, 1982

VIPUNITS 2 2 AND 2 4 MTR

Solventless laminating

The latest generation of solventless adhesive coating and

demonstrated by Rotomee Spa. The equipment allows for a width of 2300mm can be laminating equipment will be range of coating weights

maintained via the various rollers on the adjustable coating head which is kept under strict control, says the company (15020 San Giorgio Monferrato, PO Box 112, 15033 Casale Monferrato, Italy - tel: 010 39 142 4071, fax: 142806501).

adhesive laminating machine

Constant adhesive viscosity

will be shown by Rotomec

PAPRO PREVIEW

between 0.5 and 4gsm onto

web widths ranging between

600 and 1400mm. For specific

applications such as unprinted

laminates, however, a web

Call on 0839 772268 or circle number (K5-674)

"Lay-flat lamination"

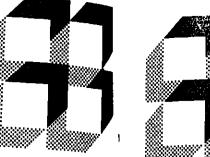
Web tension is controlled individually to ensure lay-flat lamination while also preventing any curling after time. As the solventless adhesive metering and coating head is cartridge mounted, this can be changed. Hall: 8, Stand: A29



Highlight of the Cobden Chadwick (UK) Ltd stand will be a 'variable repeat' system for flexographic presses.

Although still under development, the system can be applied to any Cl flexo and press and is said to be the first to give the operator real flexibility in achieving a true repeat length while maintaining optimum web tension.

The system allows the printing plates to rotate at a speed differential to the substrate of ±2 per cent. This means the press adjusts automatically to compensate for the web



stretching and shrinking. Around 700 exhibitors The advantages include repeat length compatibility will greet visitors to with converting lines, less want and expanded market opportu-PaPro 94, the third nities, says the company (Cenexhibition for packtury Works, Webster Street, Oldham OL8 IJY - tel: 061-652 4131, fax: 061-678 0340). The unit currently under development - and to be unveiled next month - will come complete with advanced uv drying and robotic roll

age production, paper, film and foll manufacturing and converting machinery materials and processes. The show takes place May 25-31 in the Düsseldorf Exhibition Centre and is organised by Nowea (UK: Düsseldorf Trade Fair Agency

tel: 071-794 0166,

tax: 071-435 9967).

Converting World will

be in Hall: 4, Stand:

E09. Join us there!

Controlling

web tension



Vacuum metalliser

A vacuum metalliser suitable for use with plastics films and paper will be launched by Italian company, Galileo Vacuum Tec Spa.

The Galileo ME.GA machines are equipped with a high rate evaporation system which reaches new levels of efficiency, says the company (UK - Simplex-Turbulo: Wherwell Priory, Wherwell, Hants SP11 7JH - tel: 0264 860186, fax: 860180). High uniformity levels are also said to be achieved on the unit. The system comprises a

PAPRO PREVIEW

double row of evaporation sources which sit underneath a wide process drum. The aluminium wires are fed from both sides by completely separate feeding spouts. This spout isolation is said to eliminate any aluminium build up. Hall: 8 Stand: G69

For further K5 Call for details

Digital web guider

Three products will be stituent component of a web or hunched by Erhardt + Leimer reel stand guiding system and which include a digital web are designed for use in edge or guider, a pneumatic/hydraulic centre-line guiding modes. power unit for reel stand guid-Infinite adjustment of the conng systems and a surface montrol air and sensitivity means that even very thin film can be itor for on-line measuring and web inspection. sensed exactly.

The web guiders can be The final launch is the applied to a wide range of dif-OptoLine HS unit for on-line ferent web forms to satisfy spemeasuring and web inspeccific requirements and, due to tion. The CCD line array the use of the standard CANcamera scans moving paper, Bus system, can be readily film or foil webs on line for integrated into any machine surface imperfections. The and/or control system, says the data of any imperfections company (5 Mill Lane, Manfound can be documented to chester Road, Bradford, W form part of a quality control Yorks BD5 0ES - tel: 0274 management system. 390306, fax: 722382). Hall; 8, Stand: A48

The pneumatic-hydraulic power unit HP 03 forms a con-

A range of web surface inspec-

tion systems and optical char-

acter recognition/verification

equipment will be demonstrat-

ed by US-based company, Sys-

The web inspection system

monitors product on-line for

holes, coating voids, wrinkles,

streaks and other defects at rates

of up to 1219 metres a minute.

Defects as small as 25 microns

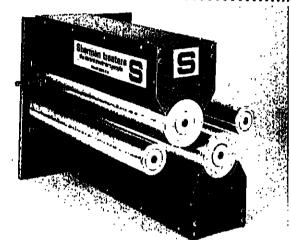
tronics Inc.

can be detected in some appli-Web surface cations, says the company (6400 Atlantic Boulevard, inspection Suite 100, Norcross, Georgia 30071, USA - rel: 010 1 404 449 0399, fax: 449 7776).

> Also on show is the OCR/OCV system which provides on-line inspection of alpha numerical character strings found in various product codes. It inspects the product codes for variations in size, colour, spacing and orientation, says the company. Hall: 8, Stand: E45

For further K5 Call for detail information 611 0839 77226

For further K5 Call for details information 612 0839 772268



changing systems.

Hall: 8, Stand: G07

20Kw nett power corona generator. This launch represents the completion of the range by the company (Dormer Road, Thame Industrial Estate,

A 100gsm an hour Ozonisfriendly design.

On show from CMC (Europe) Ltd will be its latest range of web tension control systems for the packaging industry.

Suitable for all forms of

flexible webs from 1mm width up to several metres wide are the latest tension transducers. which complement the range of

> Drive & Perforating Options Fully Automatic & Semi Automatic

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io find out more about our products and facilities please telephone 0533 760206 or fax 0533 742995

8 Highmeres Road, Laicester, LEA 91.2

Call on 0839 772268 or circle number (K5-686)

analogue and digital indicators and controls, Together these form a complete solution for machine builders and converters alike, says the company (Arctic House, Rye Lane, Dunton Green, Sevenoaks, Kent TN14 51-IP - tel: 0732 451007, fax: 456582). These DIN size indicators and controllers include several novel features.

Hall: 4, Stand: B49 For further K5 Gall for details

150



DEXTER LAWSON

The Biggest, Fastest & Safest Guillotines in the World



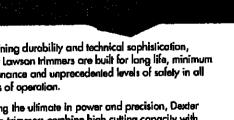


Representative for ireland WALTER NASH & Co. Ltd

Dublin 8 Tel: 010 3531 540422

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fifty years in a wide range of sizes (110°, 87°, 70°, 60", 52" and 47" cutting capacity) and are supplied



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Double sided corona treater designed for narrow web printers Powerful corona generator Three pieces of equipment will Thame, Oxon OX9 3UW - tel: be launched at the show by 0844-213686, (ax: 217172). Sherman Treaters Ltd. The first is of interest to bopp manufacturers and is a

er will also be demonstrated, a unit said to offer extrusion coaters a compact and operator Hall: 4, Stand: B49

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188 ARRARO KLEINA, 4 COL, 1080 MM WEB, ROTOGRAVURE ANDREOTTI, 6 COL, 880 MM, AUTO SPLIC-ING, 800MM, PACKARING FILMS, 1970 HOLWEG, 6 COL, 610 MM, NON STOP UW/RW, PACKARING FILMS ROTOMEC, 7 COL, 1000 MM, PACKARING FILMS TECMO HELIO 308, 8 COL, 660 MM, 1975 COATING/LAMINATING BARMAG / ER. WE-PA EXTRUSION COAT-ING/LAMINATING LINE, 500 MM EGAN EXTRUSION COATING/LAMINATING

EGAN EXTRUSION COATINGLAMINATING LINE 100MM. POLYTYPE WET LAMINATOR, 1020 MM, PRE-COAT, PAPER/FOIL POLYTYPE "SOLVENTLESS", 1040 MM 1978 ROTOMEC OUTBOARD COATING STATION FOR PVIC AND COLD SEAL COATING BARMAG EXTRUSION COATING LINE BURANI DRY LAMINATOR, FILM TO FILM, CAPALM CERCA 1927.

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immersion cleaners, giving the

narrow web printer a method of

cleaning rolls without abrasives.

Also demonstrated will be

ink pumping/conditioning products including Agitor ink

pumps, Superflo filters and

Visgard automatic viscosity

controllers, says UK distribu-

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SK11 7BR - tel: 0625 429211,

For further K5 Call for details information 606 0839 77226

Viscosity controllers

Peristaltic ink pumps

meet uv requirements

Two peristaltic ink pumps will

be introduced by Graymills

Corporation, both designed to

meet the requirements of uv-

inks as well as other flexo

applications which require eas-

As well as being able to handle

heavier uv inks, the pumps are

said to virtually eliminate

cleanup since the pump does not

A narrow web anilox roll

cleaner will also be introduced

at the show. This model com-

plements the company's larger

wide web, spray through

come into contact with the ink.

ily controlled low flow rates.

Handle heavier inks

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and slitting

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Tellockskiereke Granteksentiss

treater systems What are described as the world's best selling shaftless core chucks and lightweight carbon libre shafts will be demonstrated by Double E Company Inc.

The company has been using carbon fibre composites for the paper, film and foil industries since the mid 80s.

With few exceptions, any shaft currently made of steel, aluminium or even titanium can be replaced with a lighter, carbon fibre alternative with no loss of performance, says the company (385 West Street, PO Box 574, West Bridgewater MA 02379, USA - tel: 010 1 508 5888099, fax: 508 5802915). Hall: 4, Stand: D31

Bielloni is experience in extrusion, flexography

20046 BIASSONO - MI - ITALY - Via Della Misericordia, 46 - Tel. 39-39-2485.1 - Telex. 333323 BIELMI I - Fax: 39-39-490124

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A range of corona discharge treater systems suitable for a wide variety of applications will be demonstrated at the show by Danish company, Vetaphone Elektronik as. Included in the latest

Laboratory Treater system for

off-line laboratory test at

PAPRO PREVIEW

Corona discharge

range of Corona Plus Generators will be a new compact generator specially designed for the treatment of complex, three dimensional objects. The treater stations are equipped with profile electrode systems for use with pe and pp on high speed lines, and ceramic electrodes for use on conductive materials.

Also demonstrated on the stand will be a Laboratory Treater capable of performing

off line tests at production speeds. The company is invaing visitors to bring along an A4 size film sample for a free assessment of its treatability.

"Surface tension"

Test inks for checking the surface tension of plastics will also be displayed by Vetaphone (Fabriksvej 11, 6000 Kolding, Denmark - tel: 010 45 75526133, fax: 75526207). Hall: 7, Stand: A22

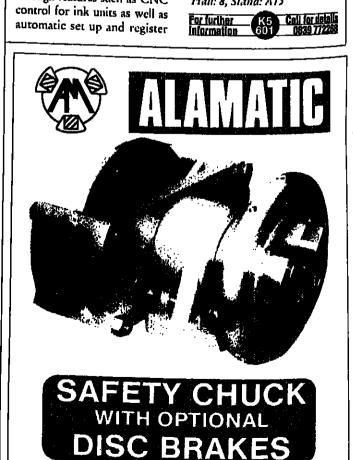


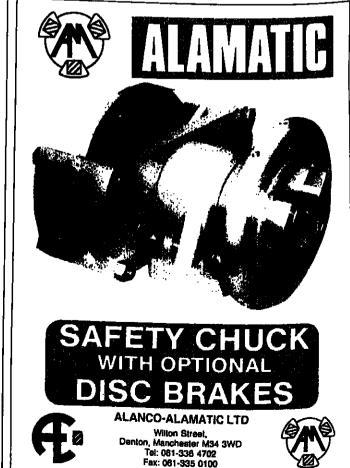
Press relieves operators

An eight colour CI flexo rotary printing press - type 34 DF/8 CNC robot - suitable for the plastics film and paper industries, will be demonstrated by German Fischer & Krecke GmbH & Co.

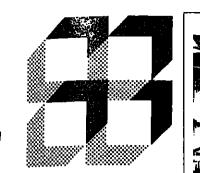
This fully automatic press is said to relieve operator time through features such as CNC visual display system.

As a central operating and inspection terminal, it controls, identifies and trouble shoots for the operator, says the company (Postfach 2920, Apfelstrasse 8, D-4800 Bielefeld 1 - tel: 010 49 0521 89490, fax: 890006). Hall: 8, Stand: A15





Call on 0839 772268 or circle number (K5-680



Blade coat head demo

Four of Simplex-Turbulo Company Ltd's principals will be demonstrating equipment at the show, including Pagendarm GmbH, Vorwald GmbH and Saucressig Engineering.

A new blade coating head will be demonstrated by Pagendarm (Hall: 4, Stand: A33) while from Vorwald comes a non-stop winder/splicer, expansion shafts, chucks and couplings all made in lightweight materials (Hall: 4, Stand: B02).

A functional pressurcless embossing unit and colour proofing machines will be among exhibits from Saueressie (Hall: 7, Stand: E66).

Further information is available from Simplex-Turbulo (Wherwell Priory, Wherwell, Hants SP11 7111 - tel: 0264 860186, fax: 860180).

WICO

pany (Newman Lane, Alton, l-lants - tel: 0420 83744, fax: 80032). Historical data can be recalled, enabling previously used process parameters to be quickly re-established.

Flame plasma interface

and components. Providing a comprehensive fault diagnosis facility, the interfacing arrangement makes a positive contribution to ISO ticularly well to in line process-9000 traceability, says the coming on blown film and flat film

In flame plasma treatment, the

latest Aerogen development

will be a sophisticated 'opera-

tor interface' designed to mon-

itor, store and retrieve process

data when surface treating

webs, mouldings, containers

this range of equipment as complementary to its own, and markets it throughout Europe. Latest products from Pillar

include an advanced and The advanced corona dispatented bare roll corona charge systems manufactured treater. Other advances to be by Pillar Technologies in the shown by Aerogen are indirect US will also be shown. These and direct heating systems. are said to lend themselves par-Hall: 8, Stand: F28



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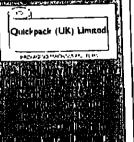
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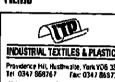
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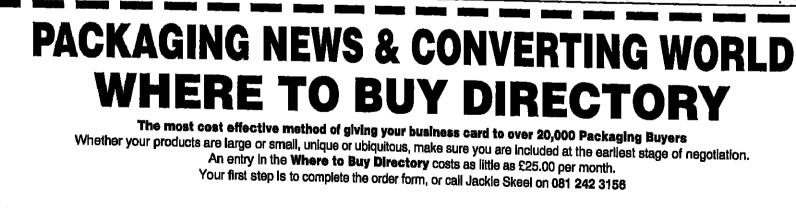
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PACKAGING NEWS/MAY 1994

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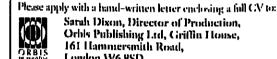
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Packaging Technologist

c. £30,000, plus benefits

Glaxo is one of the world's largest and most successful pharmaceutical companies with worldwide sales approaching £5 billion. The Speke site, in the North West, is a manufacturing, finishing and packaging factory for a range of medicines. It employs almost 500 people and has recently completed a £20m investment in a new manufacturing and packaging centre.

As Packaging Technologist you will report to the site Supplies Manager and be responsible for the design and development of packaging in a variety of materials (including card, plastics and foil). Leading a team of two technicians and two administrators, you will also have a problem-solving role vis a vis the packaging process. Close liaison with suppliers, on-site personnel and other Glaxo operations will be a key part of your role.

A Graduate member of the Institute of Packaging you will have at least 5 years experience in the design and development of packaging for use in the pharmaceutical industry (or similar) - backed by a thorough knowledge of packaging technology in a variety of materials. Good interpersonal skills must be supported by an open, participative management style.

An attractive salary is on offer along with a non-contributory pension scheme and other benefits. Relocation expenses are available to an area offering a choice between the villages of Cheshire and the towns of Lancashire and Merseyside.

Interested candidates should in the first instance forward a detailed cv to Jim Morrison, Hoggett Bowers, Amethyst House, Spring Gardens, Manchester, M2 1EA, 061-832 0445, Fax: 061-832 0089, quoting Ref: MJM/3999/PN.

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EXECUTIVE SEARCH AND SELECTION

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